

# Town of Randolph, MA Uni-Directional Flushing Program



Year 2  
(Steps 1-25)

**BETA Group, Inc.**

Engineers • Scientists • Planners

315 Norwood Park South, Norwood, MA 02062  
Lincoln, RI & Rocky Hill, CT  
email: BETA@BETA-inc.com

## Table of Contents

### Uni-Directional Flushing Program - Year 2

Table	Name
1	Water Main Lengths and Flushing Times
Step	Location
1	10" Water main on Pacella Park Drive from Pond Street to the end of Pacella Park Drive.
1A	8" Water main off Pacella Park Drive.
2	10" Water main on Dennis Avenue and Pacella Park Drive from Pond Street to North Main Street.
3	8" Water main on North Main Street from Russ Street to Stacy Street.
4	8" Water main on North Main Street from Stacy Street to Harriette Street.
5	8" Water main on North Main Street from Canton Street to Pond Street.
5A	6" Water main on Royal Crest Drive.
6	10" Water main on Canton Street from North Main Street to Johnson Drive.
7	6" Water main on Canton Street from Johnson Drive to Randolph and Canton town line.
8	6" Water main on Canton Street from North Main Street to Oxbow Lane.
9	6" Water main on Canton Street from Oxbow Lane to Johnson Drive.
10	6" Water main on High Street from Canton Street to Waldo Street.
11	8" Water main on High Street from Waldo Street to North Main Street.
11A	6" Water main on Billings Street Easement.
12	8" Water main on Pond Street from Grove Avenue to North Main Street.
13	6" Water main on Old Street from Reed Street to Canton Street.
14	6" Water main on Flint Locke Road from Canton Street to Dow Street.
15	6" Water main on Old Farm Road from Canton Street to Flint Locke Road.
16	6" Water main on Oxbow Lane.
17	6" Water main on Sullivan Drive from High Street to the end of Sullivan Drive.
18	6" Water main on Sherman Drive from High Street to the end of Sherman Drive.
19	8" Water main on Reed Street from Canton Street to High Street.

Step	Location
20	6" Water main on Michael Road and Glen Lane from Canton Street to High Street.
21	6" Water main on Michael Road from Canton Street to High Street.
22	6" Water main on Fawn Circle from Canton Street to end of Fawn Circle.
23	6" Water main on Irving Road from Canton Street to end of Irving Road.
24	6" Water main on Johnson Drive from Canton Street to Washington Drive.
25	6" Water main on Cowley Drive.
26	6" Water main on Kay Drive, Michelle Lane and David Road.
27	6" Water main on Connolly Street from Canton Street to Sunset Drive.
28	6" Water main on Emrie Street from Turner Drive to Connolly Street.
29	6" Water main on Crawford Street from Turner Drive to Emrie Street.
30	6" Water main on Barry Street from Turner Drive to Crawford Street.
31	6" Water main on Sunset Drive from Turner Drive to Barry Street.
32	6" Water main on Concetta Sass Drive and Cunningham Circle from Canton Street to end of Cunningham Circle.
33	6" Water main on Concetta Sass Drive from Cunningham Circle to Cunningham Circle.
34	6" Water main on Bosworth Drive from Michael Road to Concetta Sass Drive.
35	6" Water main on North Main Street from Russ Street to Martindale Road.
36	6" Water main on Christy Way, Christy Lane and Martindale Road.
37	6" Water main on Martindale Road, Shade Street, Garden Street and Hammond Street.
38	6" Water main on Hickory Street, Russ Street, Dorr Street and Army Street.
39	6" Water main on Dorr Street and Vinton Street.
39A	6" Water main on Dorr Street.
40	6" Water main on Howard Avenue and Sand Street.
40A	6" Water main on Rand Street.
41	6" Water main on Morse Street and Fitzgerald Street.
42	6" Water main on Ely Street from Fitzgerald to Morse Street.
43	6" and 8" Water main on Rockefeller Street from Pond Street to Gould Street.

<b>Step</b>	<b>Location</b>
44	6" Water main on Morgan Street and Ryan Street from Pond Street to Morse Street.
45	6" Water main on Linden Thomas Street and Amelian Road from Newcomb Avenue and Amelian Road.
46	6" Water main on Russ Street from North Main Street to Martindale Road.
47	6" Water main on Lavally Road, Collind Avenue and Rockefeller Street.
47A	6" Water main from Collins Avenue to Pacella Park Drive.
47B	6" Water main from Rockefeller Street to Pacella Park Drive.
48	6" Water main on Bossi Avenue and Morgan Street from North Main Street and Ryan Street.
48A	6" Water main on Gould Street from Rockefeller Street to Morgan Street.
49	6" Water main on Thornton Street and Corey Street from North Main Street to Hildgarde Street.
50	6" Water main on Ballard Street and Corey Street from North Main Street to Hildgarde Street.
51	6" Water main on Hildegard Street from North Main Street to Corey Street.
52	6" Water main on Oliver Street and North Lillian Street from North Main Street to Pond Street.
53	6" Water main on Edmund Street and North Harriette Street from North Main Street to Pond Street.
54	6" Water main on Tilton Street from Thornton Street to Oliver Street.
54A	6" Water main on Oliver Street from North Lillian Street to Morgan Street.
55	6" Water main on Adelaide Street.
56	6" Water main on Adelaide Street from Wordsworth Street to Pond Street.
57	6" Water main on Bennington Street from North Main Street to Adelaide Street.
58	6" Water main on Saratoga Street from North Main Street to Adelaide Street.
59	6" Water main on Scanlon Street from North Main Street to High Street.
60	6" Water main on Mitchell Street from North Main Street to Sarah Street.
61	6" Water main on Sarah Street from North Main Street to Mitchell Street.



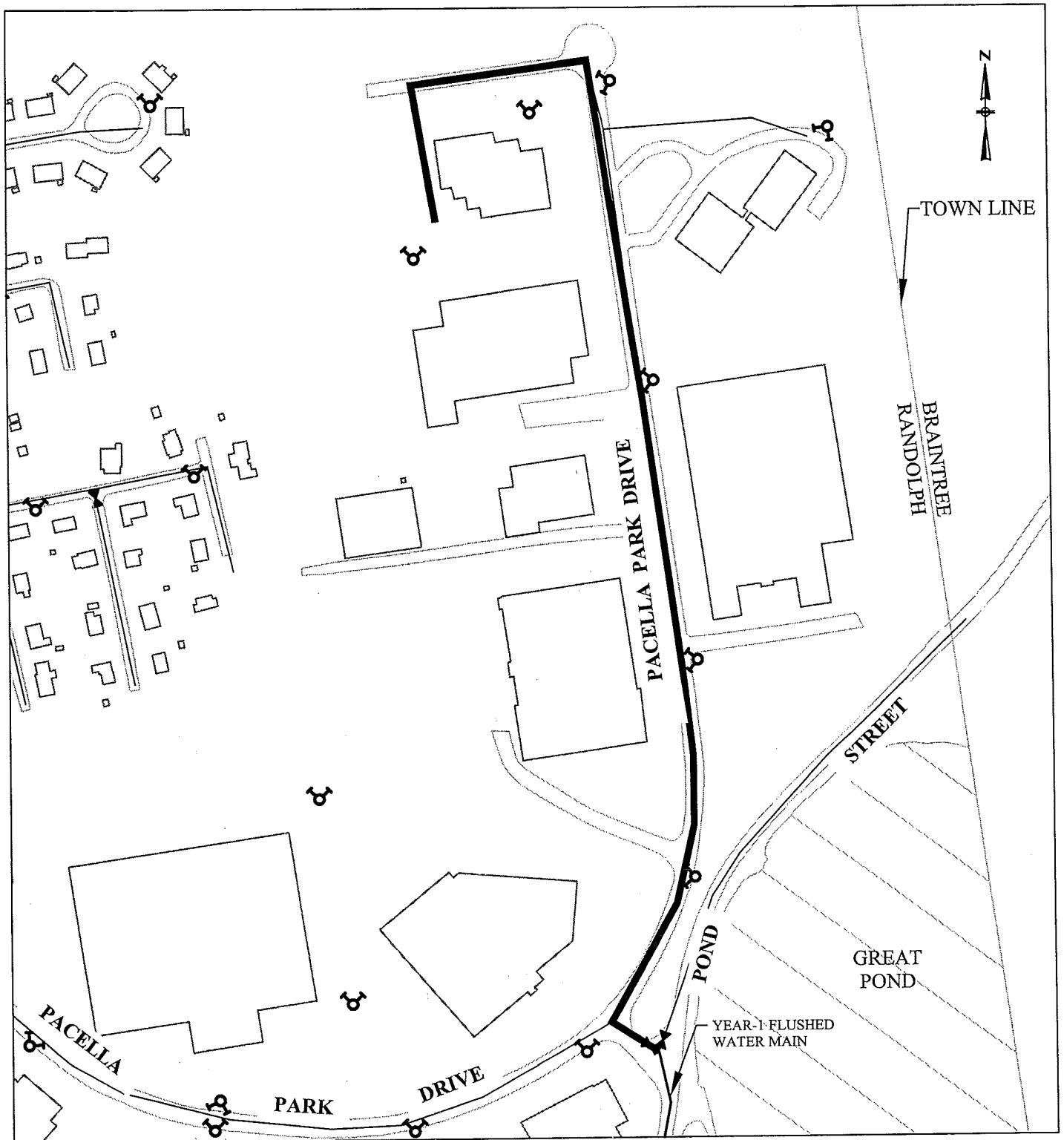
<b>Step</b>	<b>Location</b>
62	6" Water main on Upham Street from North Main Street to Mitchell Street.
63	6" Water main on Soren Street and Eugenia Street from North Main Street to Eugenia Street.
64	6" Water main on Eugenia Street.
65	6" Water main on Hills Street from North Main Street to High Street.
66	6" Water main on Edwin Street from North Main Street to High Street.
67	6" Water main on Waldo Street from North Main Street to High Street.
68	6" Water main on Stacy Street from North Main Street to High Street.
69	6" Water main on Jane Street from North Main Street to High Street.
70	6" Water main on Hall Street from North Main Street to High Street.
71	6" Water main on Royal Street from North Main Street to High Street.
72	6" Water main on Emeline Street from North Main Street to High Street.
73	6" Water main on Pauline Street from North Main Street to High Street.
74	6" Water main on Reed Street from North Main Street to High Street.
75	6" Water main on Denise Drive from Reed Street to High Street.

TOWN OF RANDDOLPH, MA  
UNI-DIRECTIONAL FLUSHING PROGRAM  
YEAR-2

Step	Location	Pipe Size (in)	Length (ft)	Number of Hydrants	Min Flushing Time (min)
1	Pacella Park Drive	10	2,738	1	8.0
1A	Pacella Park Drive	8	417	1	1.0
2	Pacella Park Drive & Dennise Drive	10	3,647	1	10.0
3	North Main Street	8	2,100	1	4.0
4	North Main Street & Pond Street	8	1,983	1	4.0
5	North Main Street & Pond Street	8	2,482	1	5.0
5A	Royal Crest Drive	6	636	1	1.0
6	Canton Street	10	6,413	1	18.0
7	Canton Street	6	3,494	1	16.0
8	Canton Street	6	2,490	1	3.0
9	Canton Street	6	3,957	1	4.0
10	High Street	6	1,690	1	2.0
11	High Street	8	3,525	1	11.0
11A	Billings Street Easement	6	220	1	1.0
12	Pond Street	8	2,217	1	4.0
13	Old Street	6	1,990	1	3.0
14	Flint Locke Road	6	1,303	1	3.0
15	Old Farm Road	6	1,447	1	4.0
16	Oxbow Lane	6	1,264	1	2.0
17	Sullivan Drive	6	570	1	3.0
18	Sherman Drive	6	1,966	1	5.0
19	Reed Street	8	1,680	1	7.0
20	Glen Lane & Michael Road	6	2,511	1	4.0
21	Michael Road	6	1,881	1	3.0
22	Fawn Circle	6	987	1	2.0
23	Irving Road	6	1,141	1	3.0
24	Johnson Drive	6	2,986	1	13.0
25	Crowley Drive	6	385	1	1.0
26	Kay Drive, Michelle Lane & David Road	6	2,207	1	6.0
27	Conolly Street	6	2,487	1	4.0
28	Emrie Street	6	3,018	1	6.0
29	Crawford Street	6	2,471	1	5.0
30	Barry Street	6	2,178	1	4.0
31	Sunset Drive	6	1,775	1	4.0
32	Concetta Sass Drive & Cunningham Circle	6	708	1	2.0
33	Concetta Sass Drive	6	1,554	1	4.0
34	Bosworth Drive	6	496	1	2.0
35	North Main Street	8	1,099	1	4.0
36	Christy Way, Christy Lane & Martindale Road	6	1,599	1	4.0
37	Martindale Road, Shade Street, Garden Street & Hammond Street	6	1,915	1	7.0
38	Hickory Street, Russ Street, Dorr Street & Army Street	6	1,549	1	9.0
39	Dorr Street & Vinton Street	6	934	1	5.0
39A	Dorr Street	6	426	1	3.0
40	Howard Avenue & Rand Street	6	648	1	3.0
40A	Rand Street	6	455	1	3.0
41	Morse Street & Fitzgerald Street	6	2,222	1	3.0
42	Ely Street	6	1,045	1	3.0
43	Rockefeller Street	8	1,560	1	3.0
44	Morgan Street & Ryan Street	6	1,776	1	3.0
45	Linden Thomas Street & Amelian Road	6	1,184	1	2.0
46	Russ Street	6	1,234	1	4.0
47	Lavally Road, Collins Avenue & Rockefeller Street	6	1,877	1	2.0
47A	Collins Avenue to Pacella Park Drive	6	265	1	1.0
47B	Rockefeller Street to Pacella Park Drive	6	437	1	1.0
48	Bossi Avenue & Morgan Street	6	1,979	1	3.0
48A	Gould Street	6	223	1	1.0
49	Thornton Street & Corey Street	6	954	1	2.0

TOWN OF RANDDOLPH, MA  
UNI-DIRECTIONAL FLUSHING PROGRAM  
YEAR-2

50	Ballard Street & Corey Street	6	954	1	2.0
51	Hildegard Street	6	515	1	1.0
52	Oliver Street & North Lillian Street	8	2,330	1	5.0
53	Edmund Street & North Harriette Street	6	1,636	1	2.0
54	Tilton Street	6	332	1	1.0
54A	Oliver Street	6	427	1	1.0
55	Adelaide Street	6	613	1	1.0
56	Adelaide Street	6	1,127	1	2.0
57	Bennington Street	6	319	1	1.0
58	Saratoga Street	6	285	1	1.0
59	Scanlon Street	6	1,179	1	2.0
60	Mitchell Street	6	959	1	2.0
61	Sarah Street	6	846	1	1.0
62	Upham Street	6	864	1	3.0
63	Soren Street & Eugenia Street	6	2,078	1	5.0
64	Eugenia Street	6	1,088	1	2.0
65	Hills Street	6	1,647	1	7.0
66	Edwin Street	6	1,692	1	2.0
67	Waldo Street	6	1,730	1	4.0
68	Stacy Street	6	1,744	1	4.0
69	Jane Street	6	1,792	1	4.0
70	Hall Street	6	1,849	1	4.0
71	Royal Street	6	1,909	1	4.0
72	Emeline Street	6	1,984	1	5.0
73	Pauline Street	6	2,037	1	5.0
74	Reed Street	6	2,100	1	3.0
75	Denise Drive	6	980	1	3.0



Location:

10" Water main on Pacella Park Drive from Pond Street to end of Pacella Park Drive.

Notes:

See next page for valve and hydrant locations  
All sheets not to scale

LEGEND

**—** Flushing location

**BETA Group, Inc.**  
Engineers • Scientists • Planners

Year -2  
Step - 1

**TOWN OF RANDOLPH, MA**  
**Unidirectional Flushing Program**

Hydrants to Flush:

1 Hydrant near old Dunkin Donuts building at the end of Pacella Park Drive.

Valves to Close:

(2) 6-inch valves on Pacella Park Drive near Rockefeller Street.

8-inch valve on Russ Street at intersection of Russ Street and N. Main Street.

Notes:

See next 2 pages for a visual of valve and hydrant locations.

Flushing Time:

18 minutes minimum to completely displace the total amount of water in the main.

Continue flushing until the water is clear.

Operator: \_\_\_\_\_

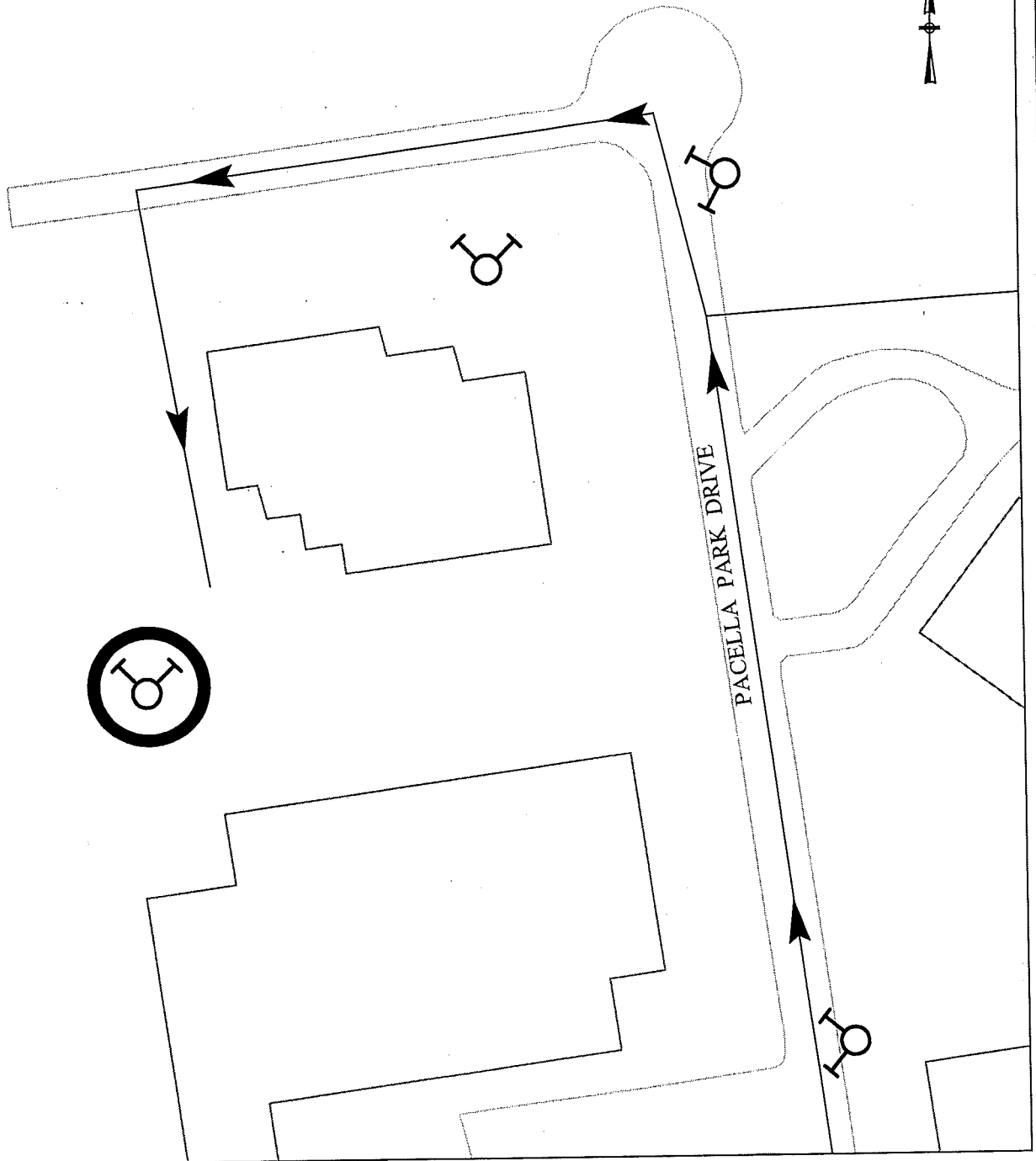
Flushing Date: \_\_\_\_\_ Start Time: \_\_\_\_\_ End Time: \_\_\_\_\_

Observations: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



**LEGEND:**

Open Gate Valves

Closed Hydrant

Flow Direction

Closed Gate Valves

Flushing Hydrant

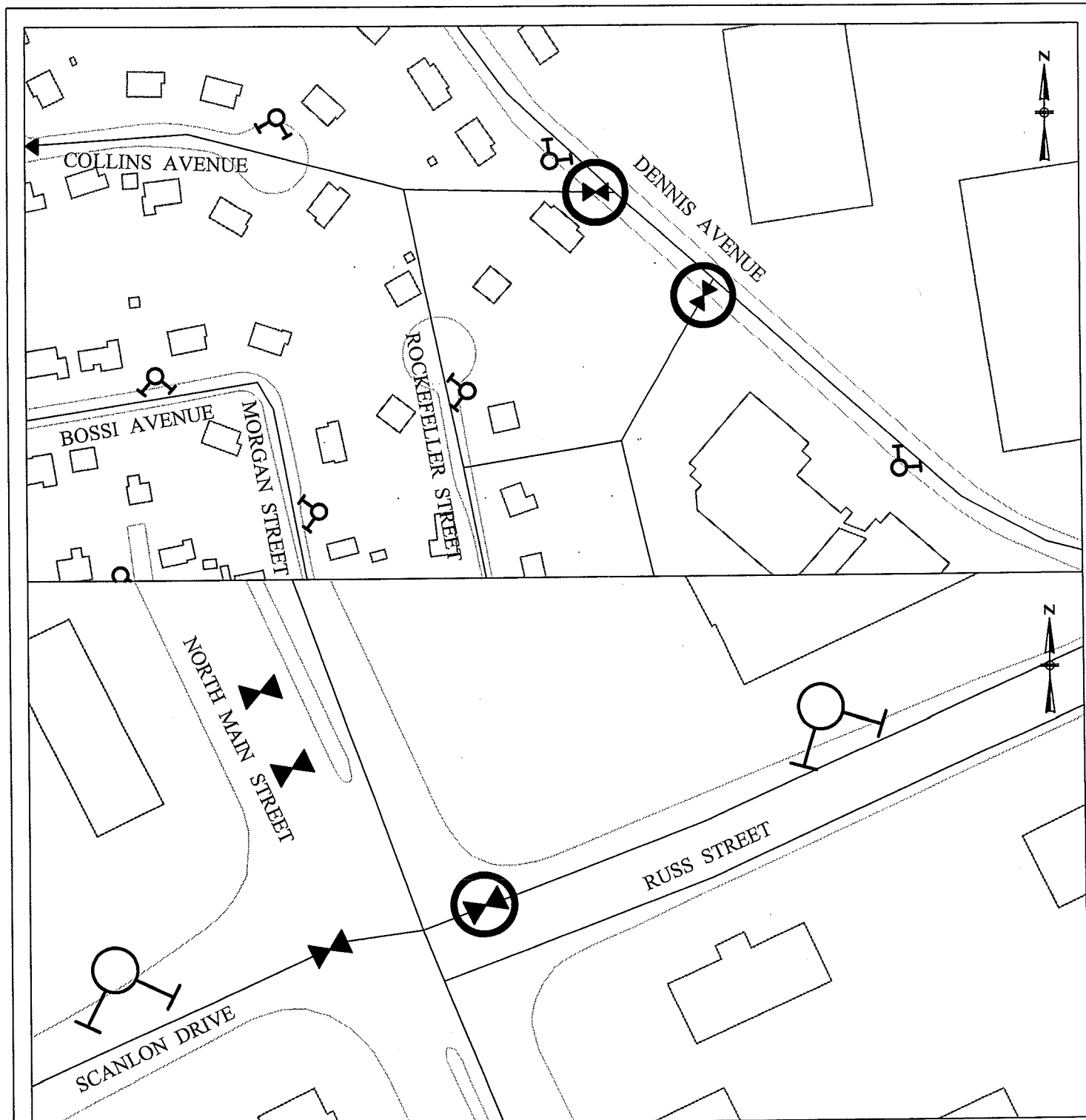
**Notes:**

ALL SHEETS NOT TO SCALE

**BETA Group, Inc.**  
Engineers • Scientists • Planners

Year - 2  
Step - 1

**TOWN OF RANDOLPH, MA**  
**Unidirectional Flushing Program**



**LEGEND:**

- |                      |                    |                  |
|----------------------|--------------------|------------------|
| ◄► Open Gate Valves  | ⊗ Closed Hydrant   | ◄ Flow Direction |
| ⊗ Closed Gate Valves | ⊗ Flushing Hydrant |                  |

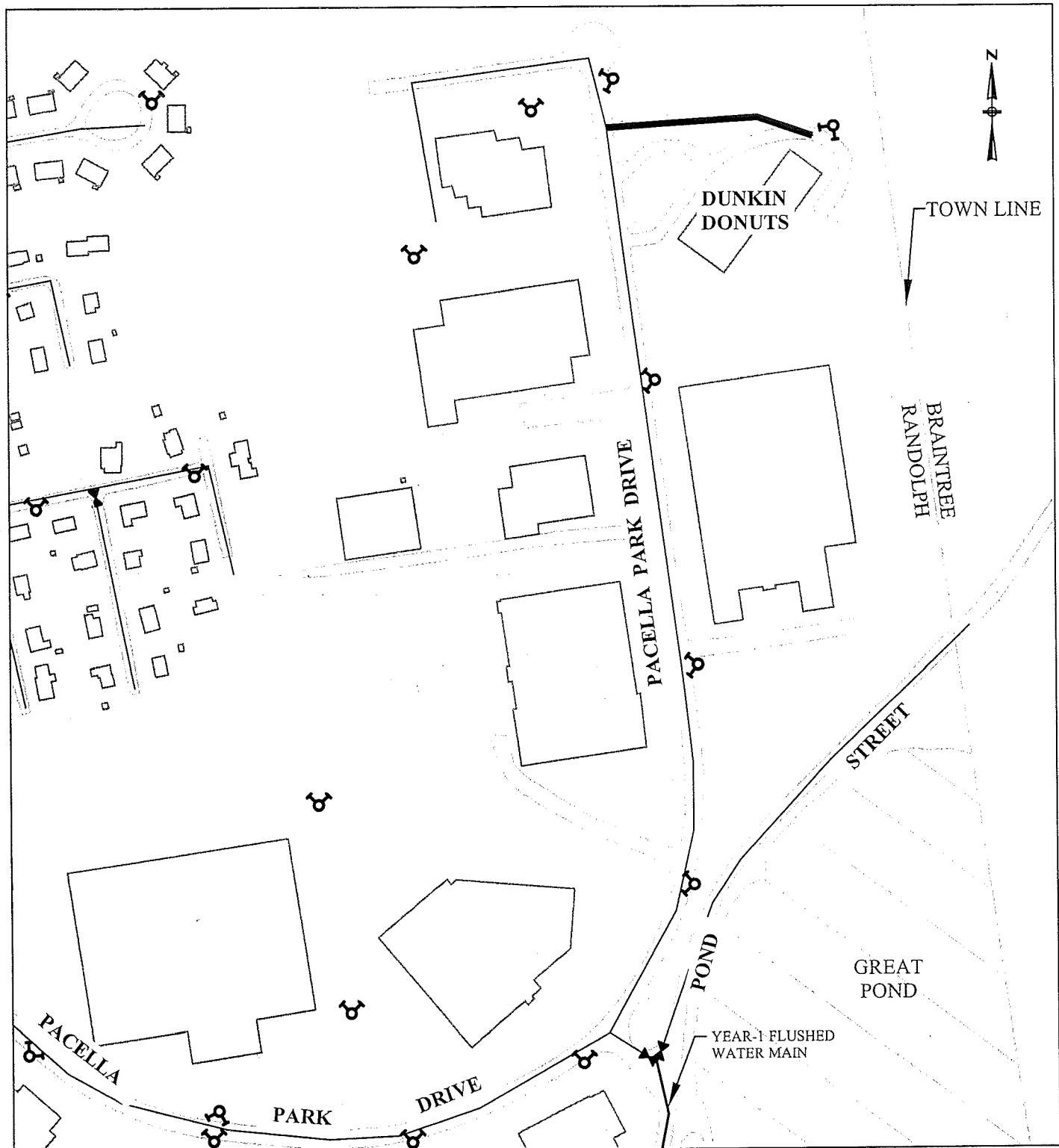
**Notes:**

ALL SHEETS NOT TO SCALE

**BETA Group, Inc.**  
Engineers • Scientists • Planners

**Year - 2  
Step - 1**

**TOWN OF RANDOLPH, MA  
Unidirectional Flushing Program**



Location:

8" Water main off Pacella Park Drive.

LEGEND

— Flushing location

Notes:

See next page for hydrant locations

All sheets not to scale



Hydrants to Flush:

Hydrant near Dunkin Donuts building at the end of Pacella Park Drive.

Valves to Close:

None.

Notes:

See next page for a visual of hydrant location.

Flushing Time:

1 minute minimum to completely displace the total amount of water in the main.

Continue flushing until the water is clear.

Operator: \_\_\_\_\_

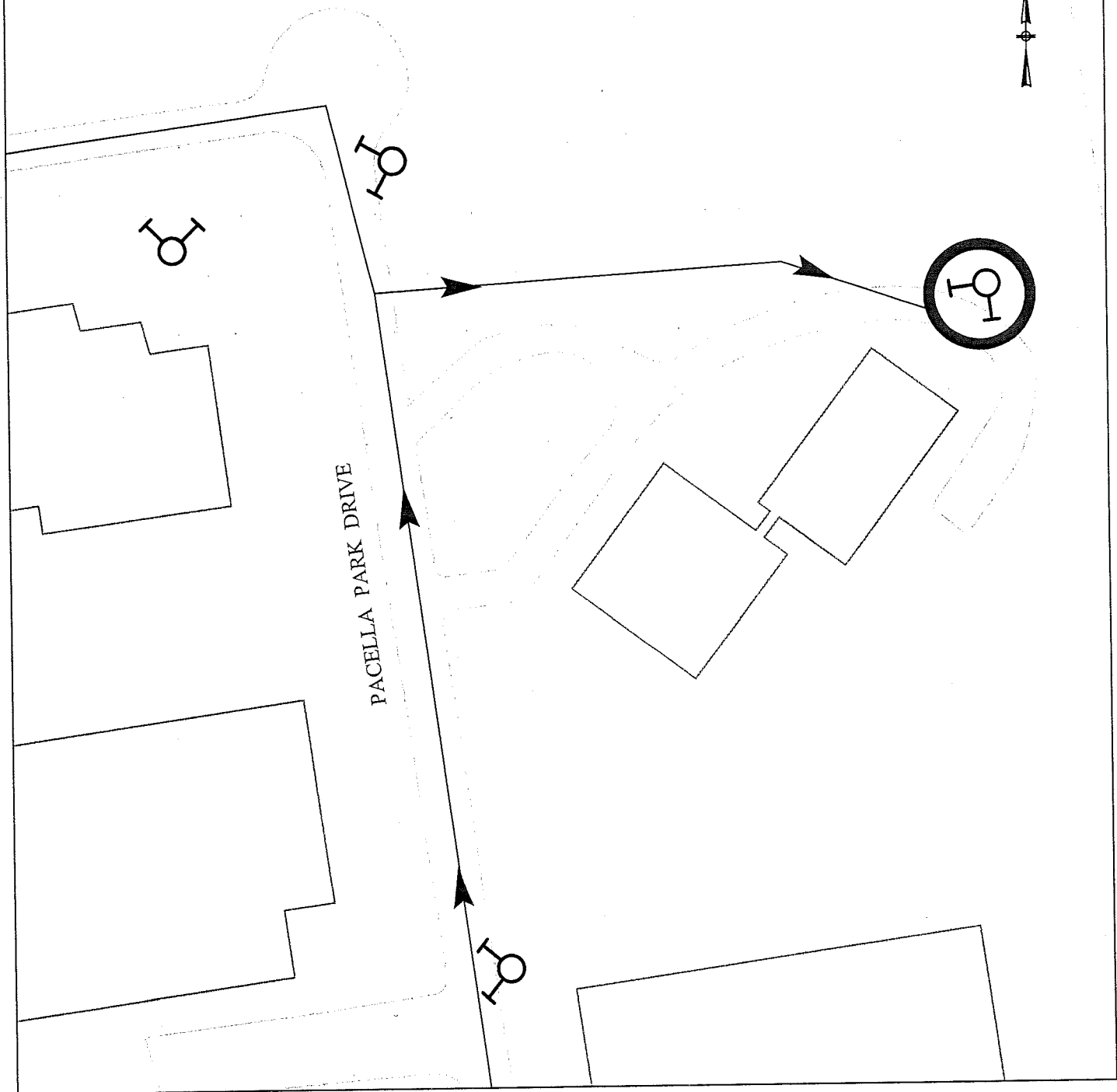
Flushing Date: \_\_\_\_\_ Start Time: \_\_\_\_\_ End Time: \_\_\_\_\_

Observations: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



LEGEND:

◀ Open Gate Valves

⌘ Closed Hydrant

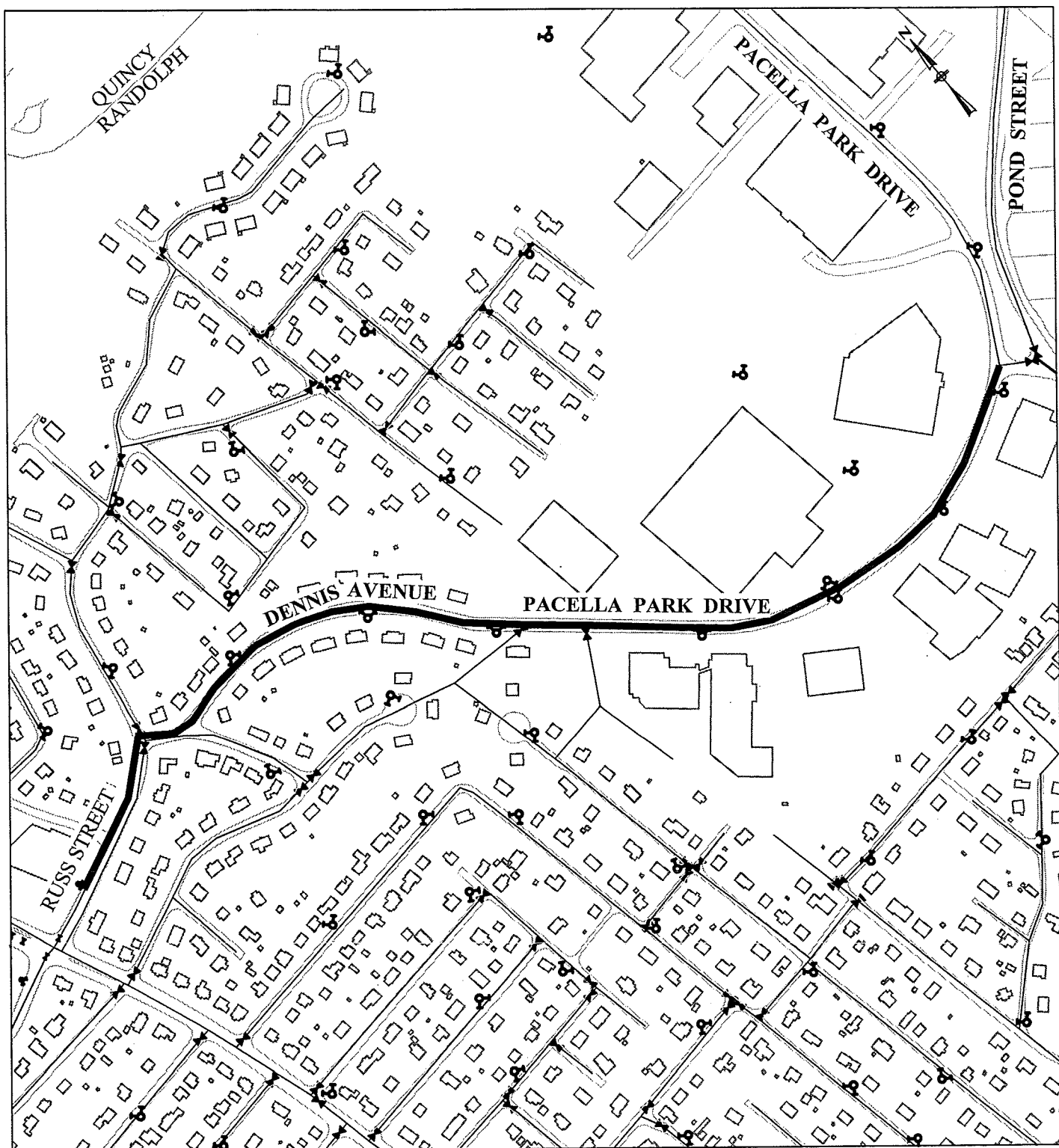
◀ Flow Direction

⊗ Closed Gate Valves

⊗ Flushing Hydrant

Notes:

ALL SHEETS NOT TO SCALE



Location:

10" Water main on Russ Street from Pond Street  
to North Main Street

Notes:

See next page for valve and hydrant locations  
All sheets not to scale

LEGEND

**—** Flushing location

**BETA Group, Inc.**  
Engineers • Scientists • Planners

Year -2  
Step - 2

**TOWN OF RANDOLPH, MA**  
**Unidirectional Flushing Program**

Hydrants to Flush:

1 Hydrant on Russ Street between Christy Way and N. Main Street.

Valves to Close:

(2) 6-inch valves on Pacella Park Drive across Rockerfeller Street.

8-inch valve on Russ Street at intersection of Russ Street and N. Main Street.

Notes:

See next 2 pages for a visual of valve and hydrant locations.

Flushing Time:

10 minutes minimum to completely displace the total amount of water in the main.

Continue flushing until the water is clear.

Operator: \_\_\_\_\_

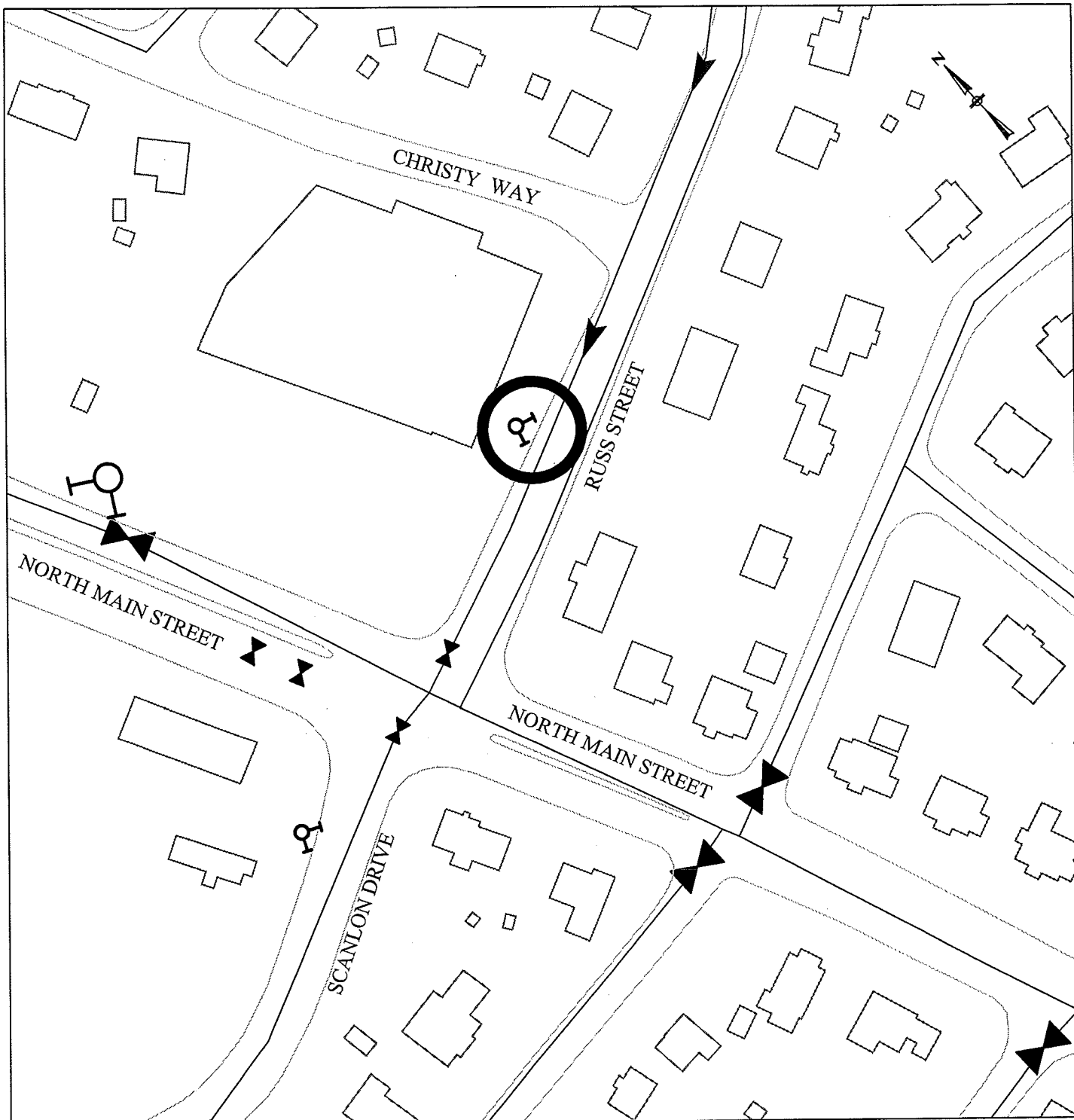
Flushing Date: \_\_\_\_\_ Start Time: \_\_\_\_\_ End Time: \_\_\_\_\_

Observations: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

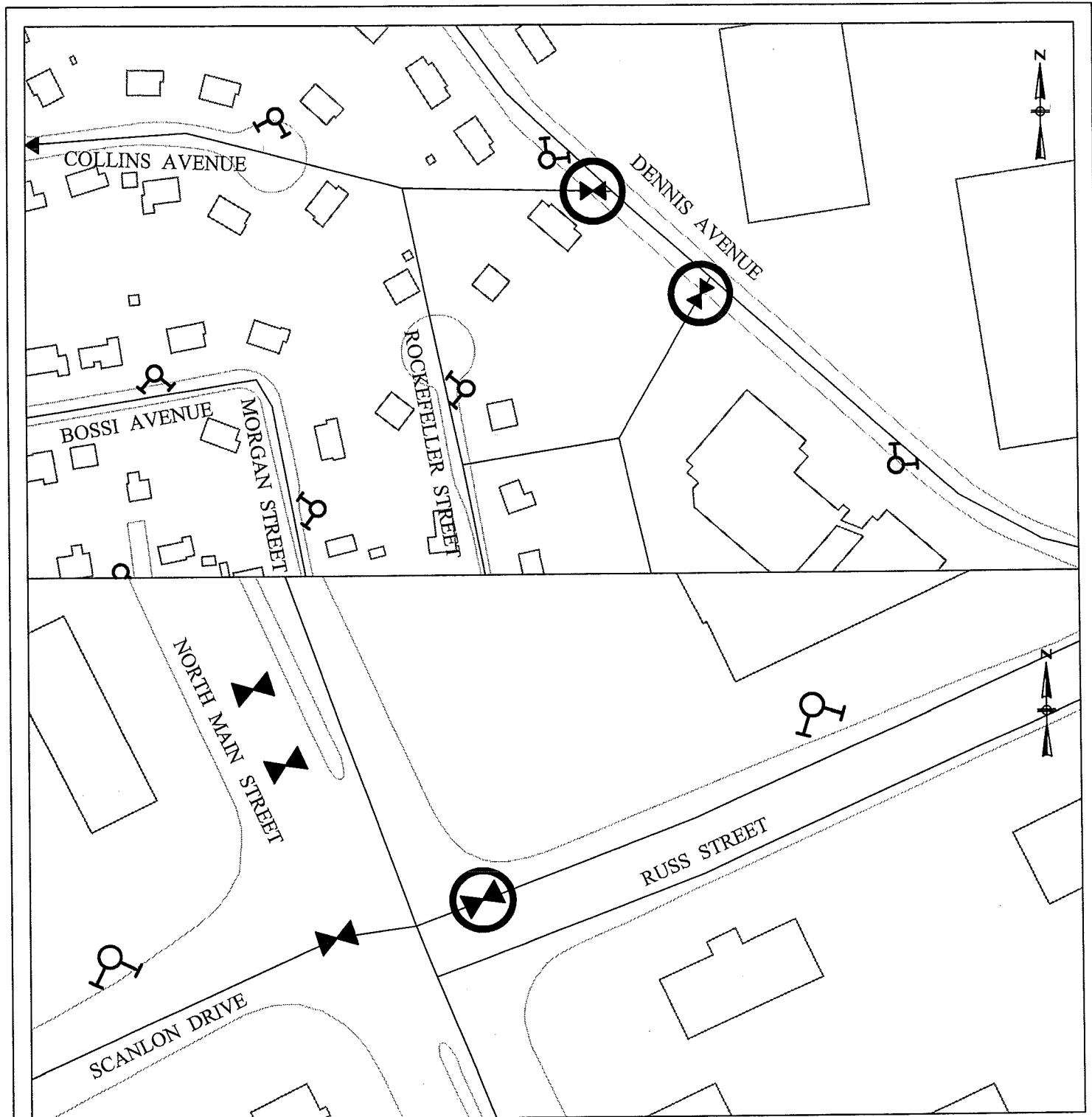


**LEGEND:**

- |                      |                    |                  |
|----------------------|--------------------|------------------|
| ◄► Open Gate Valves  | ⊗ Closed Hydrant   | ◄ Flow Direction |
| ⊗ Closed Gate Valves | ⊕ Flushing Hydrant |                  |

**Notes:**

ALL SHEETS NOT TO SCALE



**LEGEND:**

- |                      |                    |                  |
|----------------------|--------------------|------------------|
| ◀▶ Open Gate Valves  | ⊗ Closed Hydrant   | ◀ Flow Direction |
| ⊗ Closed Gate Valves | ⊗ Flushing Hydrant |                  |

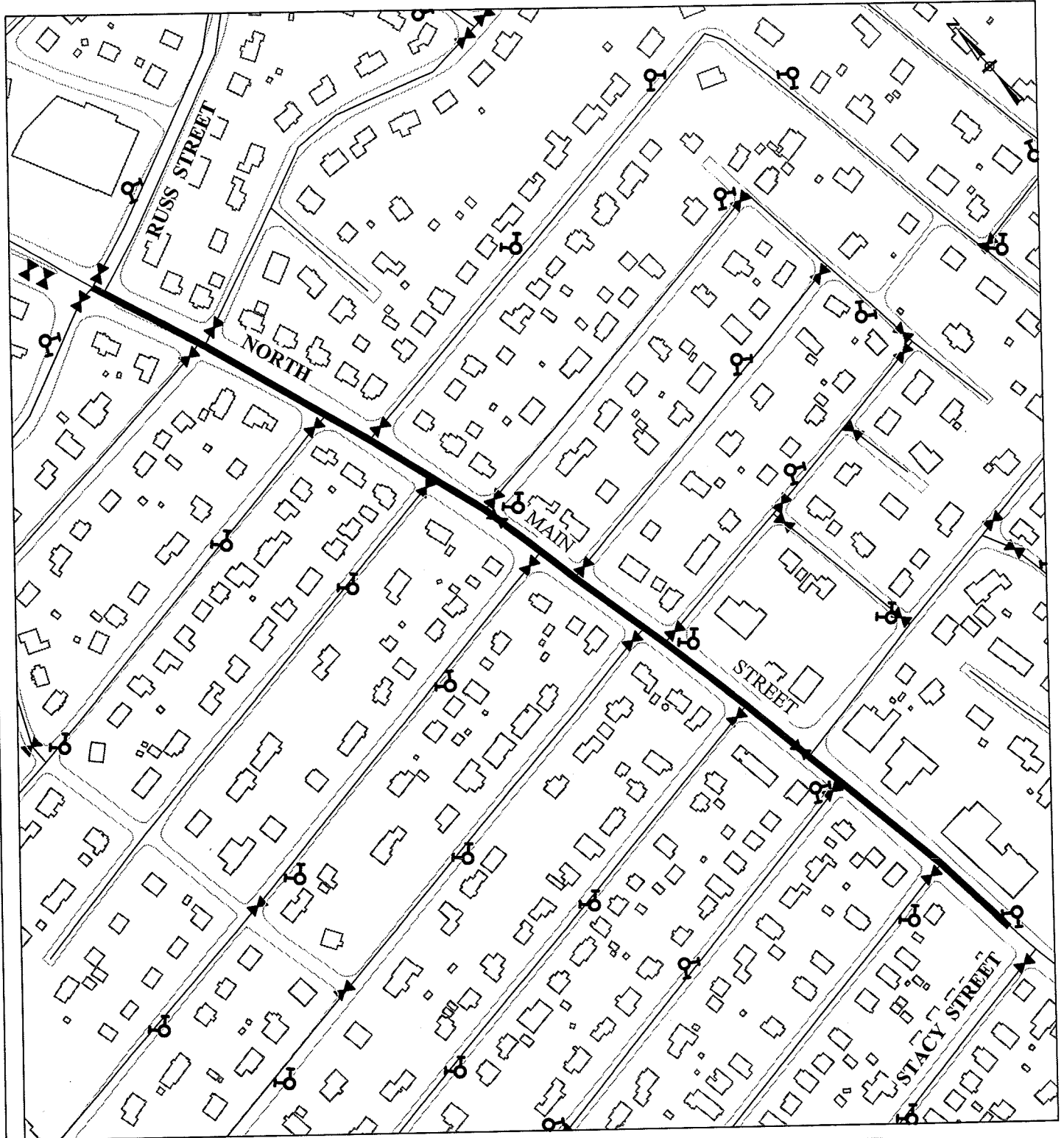
**Notes:**

ALL SHEETS NOT TO SCALE

**BETA Group, Inc.**  
Engineers • Scientists • Planners

Year - 2  
Step - 2

**TOWN OF RANDOLPH, MA**  
**Unidirectional Flushing Program**



Location:

8" Water main on North Main Street from Russ Street to Stacy Street

LEGEND

**—** Flushing location

Notes:

See next page for valve and hydrant locations

All sheets not to scale

**BETA Group, Inc.**  
Engineers • Scientists • Planners

Year -2  
Step -3

**TOWN OF RANDOLPH, MA**  
**Unidirectional Flushing Program**

Hydrants to Flush:

Hydrant on North Main Street between Oliver Streer and Wordsworth Street.

Valves to Close:

8-inch valve on North Main Street north of Scanlon Drive.

6-inch valve at intersection of Scanlon Drive and North Main Street.

6-inch valve at intersection of Mitchell Street and North Main Street.

4-inch valve at intersection of Cowan Road and North Main Street.

6-inch valve at intersection of Sarah Street and North Main Street.

6-inch valve at intersection of Bossi Avenue and North Main Street.

6-inch valve at intersection of Upham Street and North Main Street.

6-inch valve at intersection of Ballard Street and North Main Street.

6-inch valve at intersection of Soren Street and North Main Street.

6-inch valve at intersection of Hildegard Street and North Main Street.

6-inch valve at intersection of Eugenia Street and North Main Street.

6-inch valve at intersection of Thornton Street and North Main Street.

6-inch valve at intersection of Hills Street and North Main Street.

6-inch valve at intersection of Edwin Street and North Main Street.

6-inch valve at intersection of Tilton Street and Oliver Street.

6-inch valve at intersection of North Lillian Street and Oliver Street.

8-inch valve at intersection of North Lillian Street and Oliver Street.

6-inch valve at intersection of Waldo Street and North Main Street.

6-inch valve at intersection of Stacy Street and North Main Street.

6-inch valve at intersection of Jane Street and North Main Street.

6-inch valve at intersection of Wordsworth Street and North Main Street.

8-inch valve on North Main Street between Wordsworth Street and Saratoga Street.

Notes:

See next sheet for flushing time and operator notes.



Notes:

See next 4 pages for a visual of valve and hydrant locations.

Flushing Time:

10 minutes minimum to completely displace the total amount of water in the main.

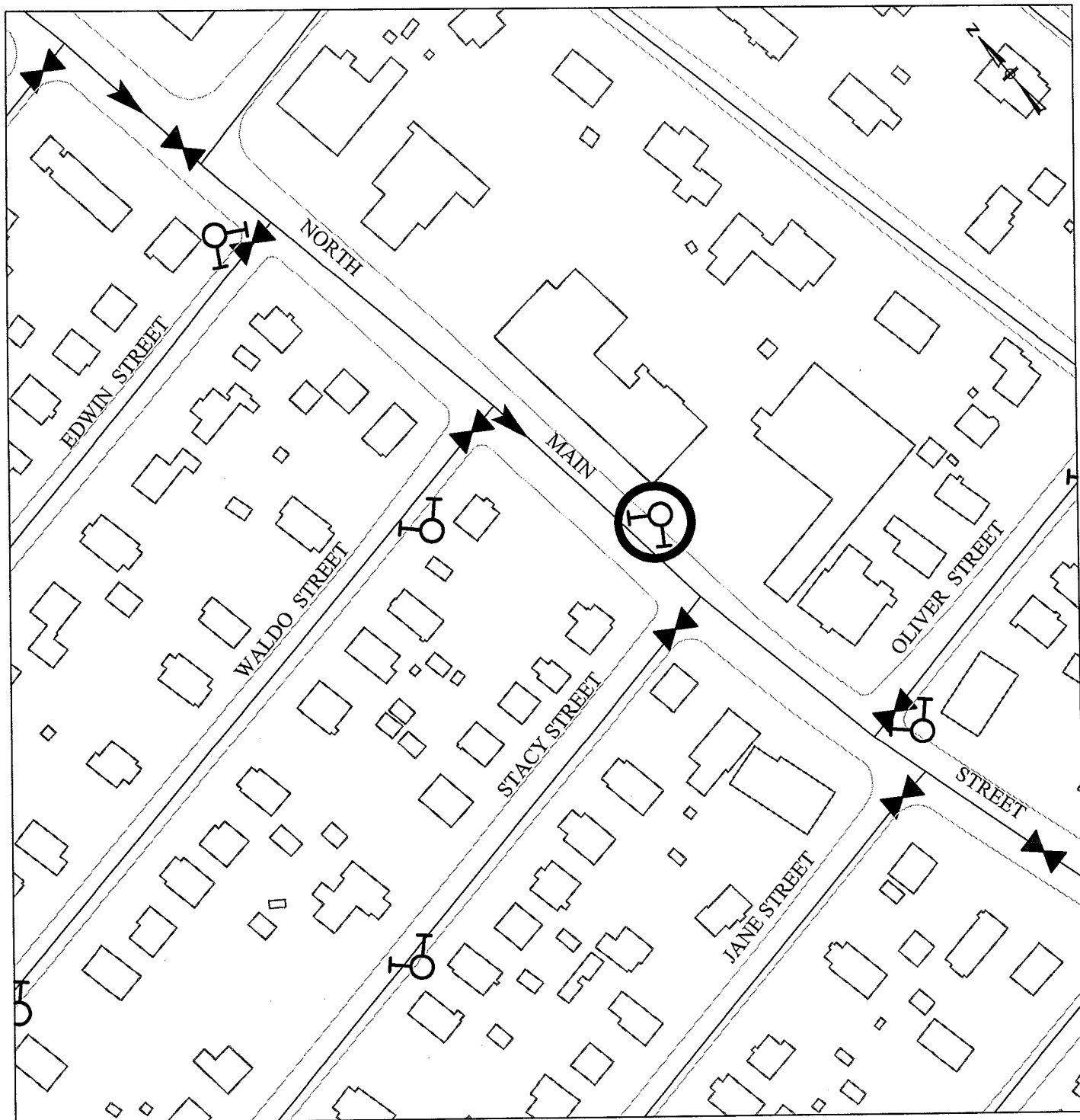
Continue flushing until the water is clear.

Operator: \_\_\_\_\_

Flushing Date: \_\_\_\_\_ Start Time: \_\_\_\_\_ End Time: \_\_\_\_\_

Observations: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



**LEGEND:**

- |                      |                    |                  |
|----------------------|--------------------|------------------|
| ◀▶ Open Gate Valves  | ⊗ Closed Hydrant   | ◀ Flow Direction |
| ⊗ Closed Gate Valves | ⊗ Flushing Hydrant |                  |

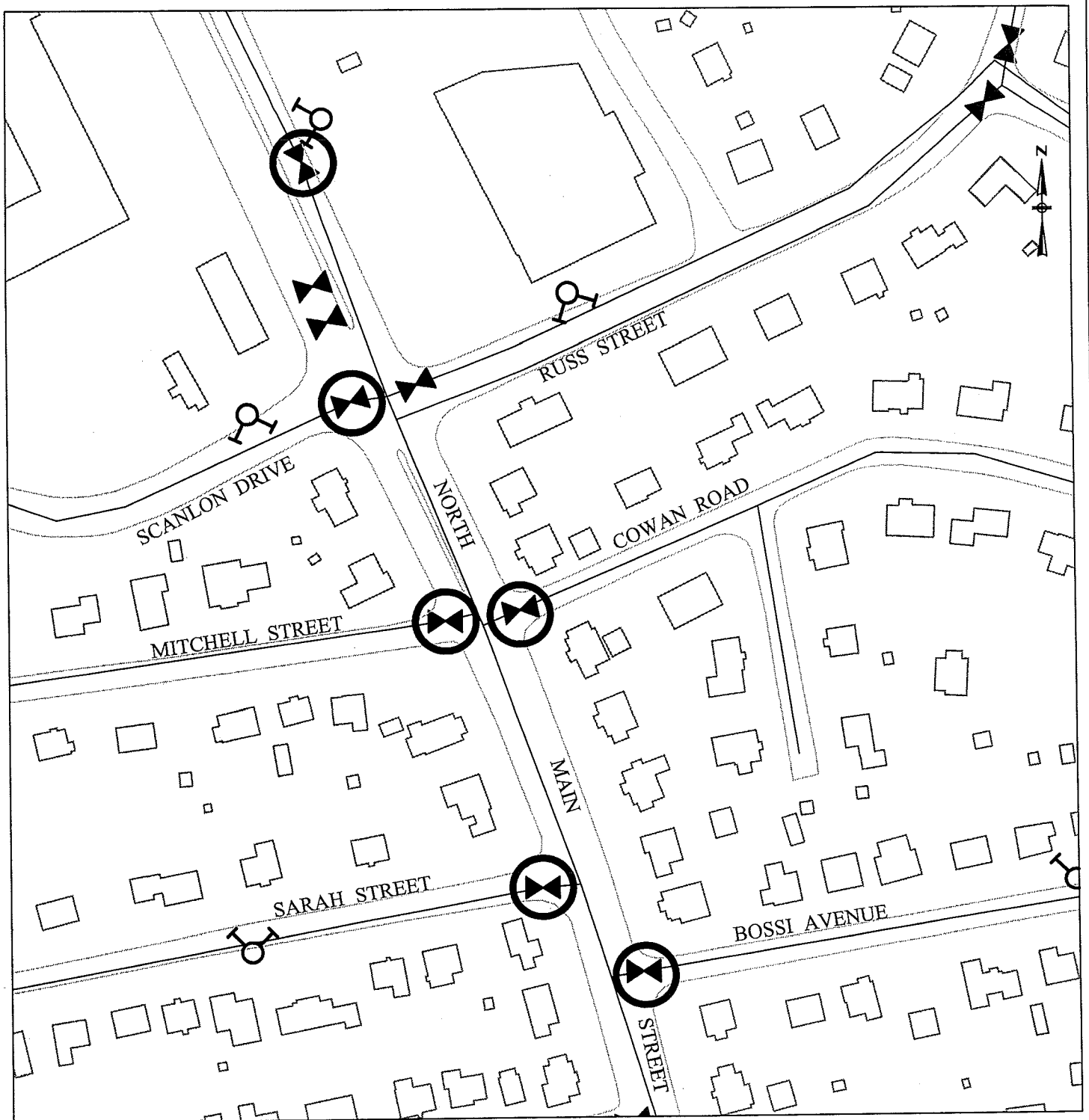
**Notes:**

ALL SHEETS NOT TO SCALE

**BETA Group, Inc.**  
Engineers • Scientists • Planners

**Year -2  
Step - 3**

**TOWN OF RANDOLPH, MA  
Unidirectional Flushing Program**



**LEGEND:**

◀▶ Open Gate Valves

⊗ Closed Hydrant

◀ Flow Direction

⊙ Closed Gate Valves

⊕ Flushing Hydrant

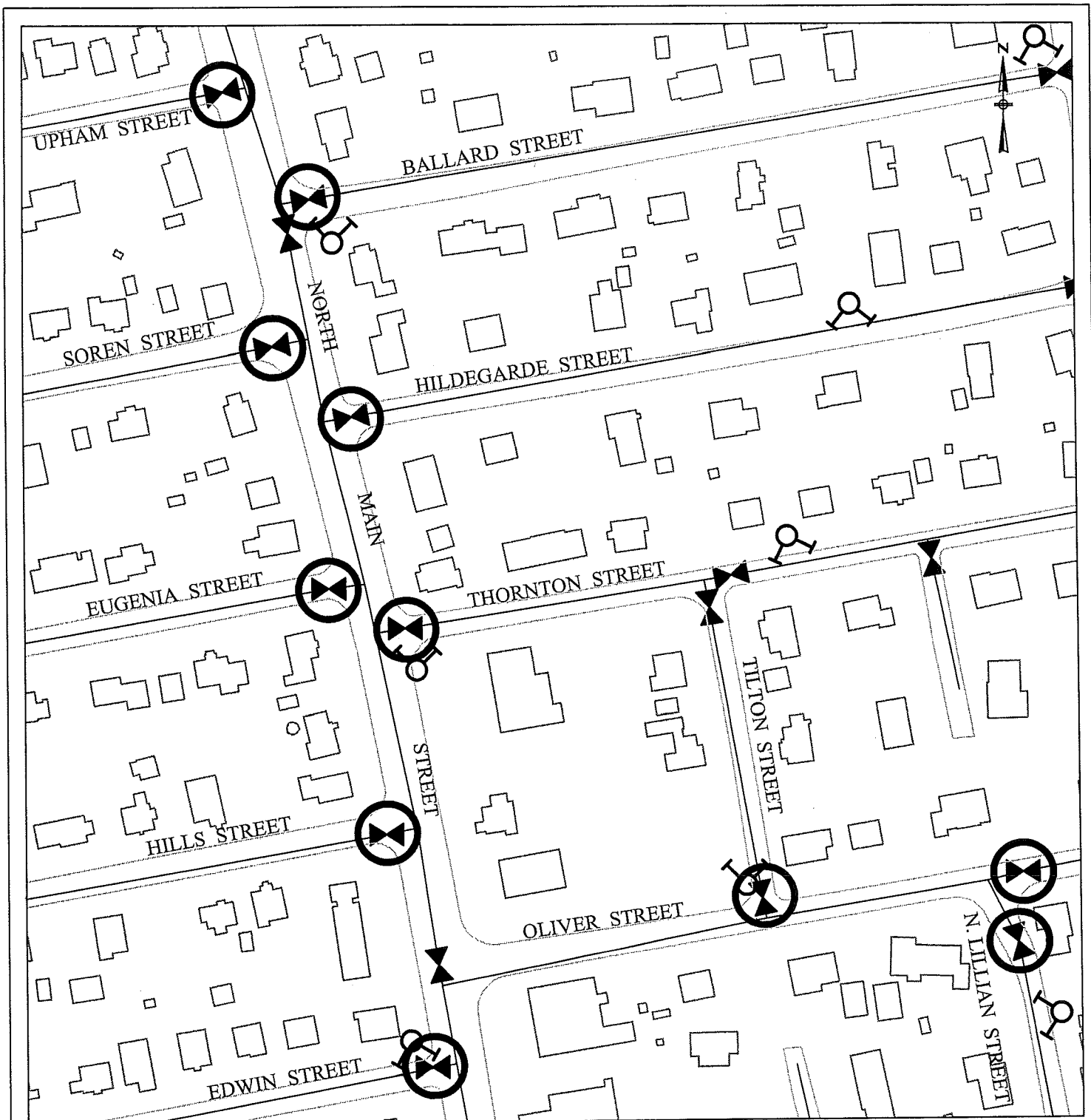
**Notes:**

ALL SHEETS NOT TO SCALE

**BETA Group, Inc.**  
Engineers • Scientists • Planners

Year -2  
Step - 3

**TOWN OF RANDOLPH, MA**  
**Unidirectional Flushing Program**



**LEGEND:**

◄ Open Gate Valves

⌘ Closed Hydrant

◄ Flow Direction

⊗ Closed Gate Valves

⊗ Flushing Hydrant

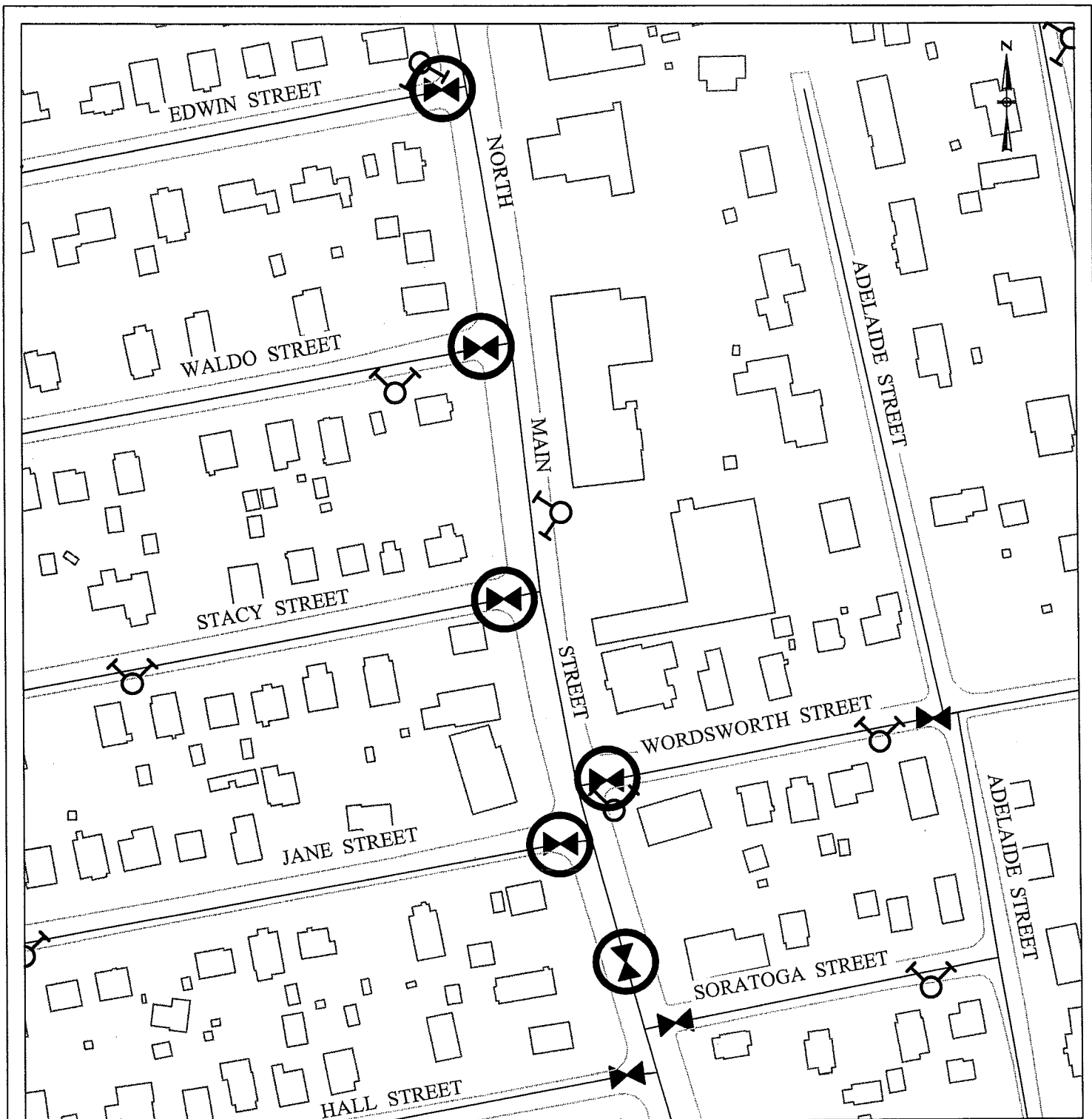
**Notes:**

ALL SHEETS NOT TO SCALE

**BETA Group, Inc.**  
Engineers • Scientists • Planners

Year -2  
Step - 3

**TOWN OF RANDOLPH, MA**  
**Unidirectional Flushing Program**



**LEGEND:**

◀▶ Open Gate Valves

⊗ Closed Hydrant

◀ Flow Direction

⊗ Closed Gate Valves

⊗ Flushing Hydrant

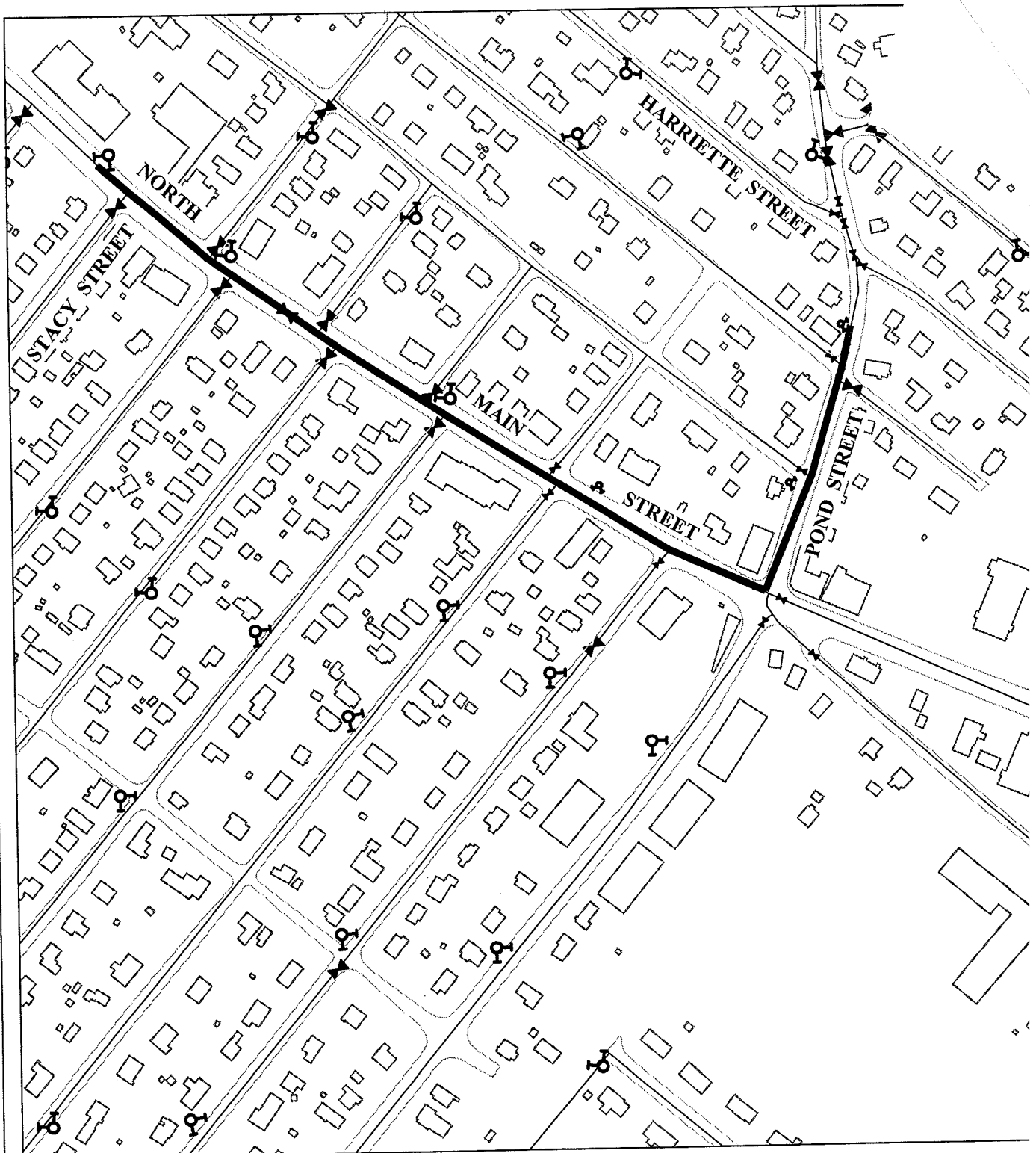
**Notes:**

ALL SHEETS NOT TO SCALE

**BETA Group, Inc.**  
Engineers • Scientists • Planners

Year -2  
Step - 3

**TOWN OF RANDOLPH, MA**  
**Unidirectional Flushing Program**



Location:

8" Water main on North Main Street from Stacy Steet to Harriette Street

LEGEND

Flushing locatic

Notes:

See next page for valve and hydrant locations  
All sheets not to scale

**BETA Group, Inc.**  
Engineers • Scientists • Planners

Year -2  
Step - 4

**TOWN OF RANDOLPH, M**  
**Unidirectional Flushing Prog**

Hydrants to Flush:

Hydrant on Pond Street between North Lillian Street and North Harriette Street.

Valves to Close:

6-inch valve at intersection of Stacy Street and North Main Street.

6-inch valve at intersection of Jane Street and North Main Street.

6-inch valve at intersection of Wordsworth Street and North Main Street.

6-inch valve at intersection of Hall Street and North Main Street.

6-inch valve at intersection of Saratoga Street and North Main Street.

6-inch valve at intersection of Royal Street and North Main Street.

6-inch valve at intersection of Bennington Street and North Main Street.

6-inch valve at intersection of Emeline Street and North Main Street.

4-inch valve at intersection of Charles Street and North Main Street.

6-inch valve at intersection of Pauline Street and North Main Street.

6-inch valve at intersection of Reed Street and North Main Street.

6-inch valve at intersection of Old Street and North Main Street.

8-inch valve on North Main Street at intersection of Pond Street and North Main Street.

8-inch valve at intersection of Adelaide Street and Pond Street.

8-inch valve at intersection of North Lillian Street and Pond Street.

8-inch valve on Pond Street between South Harriette Street and South Harriette Street.

Notes:

See next sheet for flusing time and operator sign-in section.

Notes:

See next 3 pages for a visual of valve and hydrant locations.

Flushing Time:

5 minutes minimum to completely displace the total amount of water in the main.

Continue flushing until the water is clear.

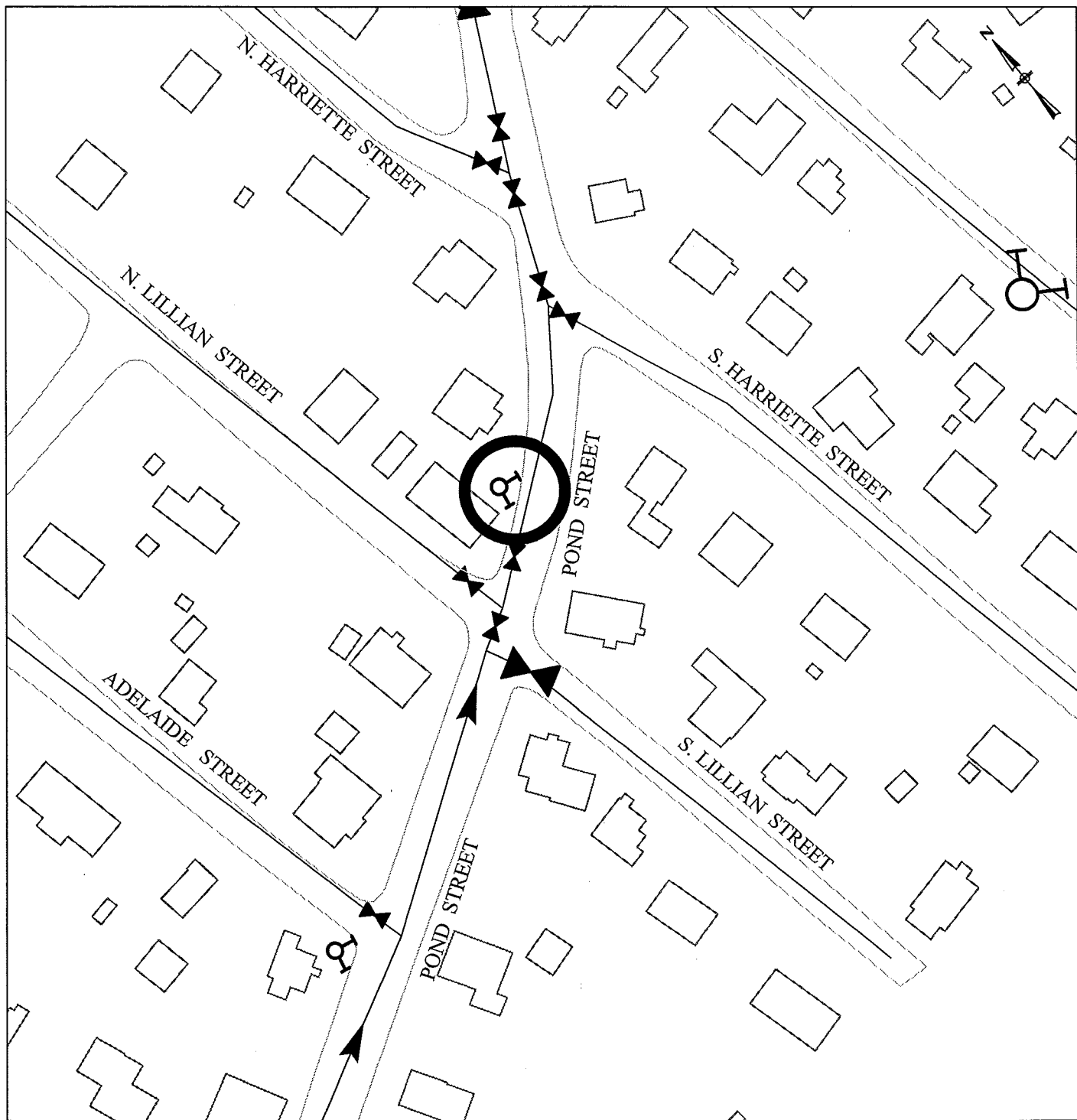
Operator: \_\_\_\_\_

Flushing Date: \_\_\_\_\_ Start Time: \_\_\_\_\_ End Time: \_\_\_\_\_

Observations: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_





**LEGEND:**

◄ Open Gate Valves

⊗ Closed Hydrant

◄ Flow Direction

⊗ Closed Gate Valves

⊗ Flushing Hydrant

**Notes:**

ALL SHEETS NOT TO SCALE

**BETA Group, Inc.**  
Engineers • Scientists • Planners

Year -2  
Step - 4

**TOWN OF RANDOLPH, MA**  
**Unidirectional Flushing Program**



**LEGEND:**

- |                    |                  |                |
|--------------------|------------------|----------------|
| Open Gate Valves   | Closed Hydrant   | Flow Direction |
| Closed Gate Valves | Flushing Hydrant |                |

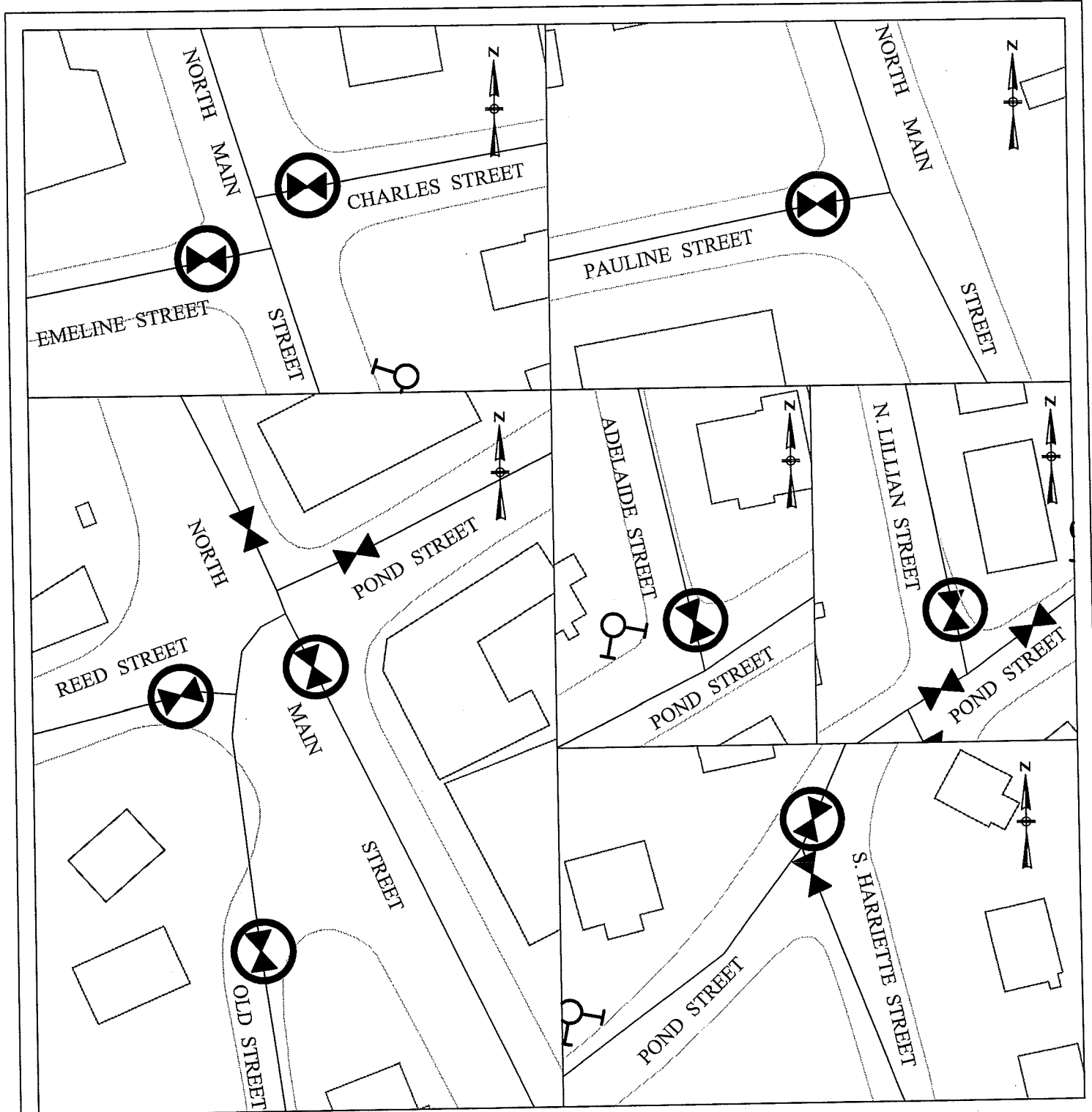
**Notes:**

ALL SHEETS NOT TO SCALE

**BETA Group, Inc.**  
Engineers • Scientists • Planners

Year -2  
Step - 4

**TOWN OF RANDOLPH, MA**  
**Unidirectional Flushing Program**



**LEGEND:**

⌘ Open Gate Valves

⌘ Closed Hydrant

◀ Flow Direction

⊗ Closed Gate Valves

⊗ Flushing Hydrant

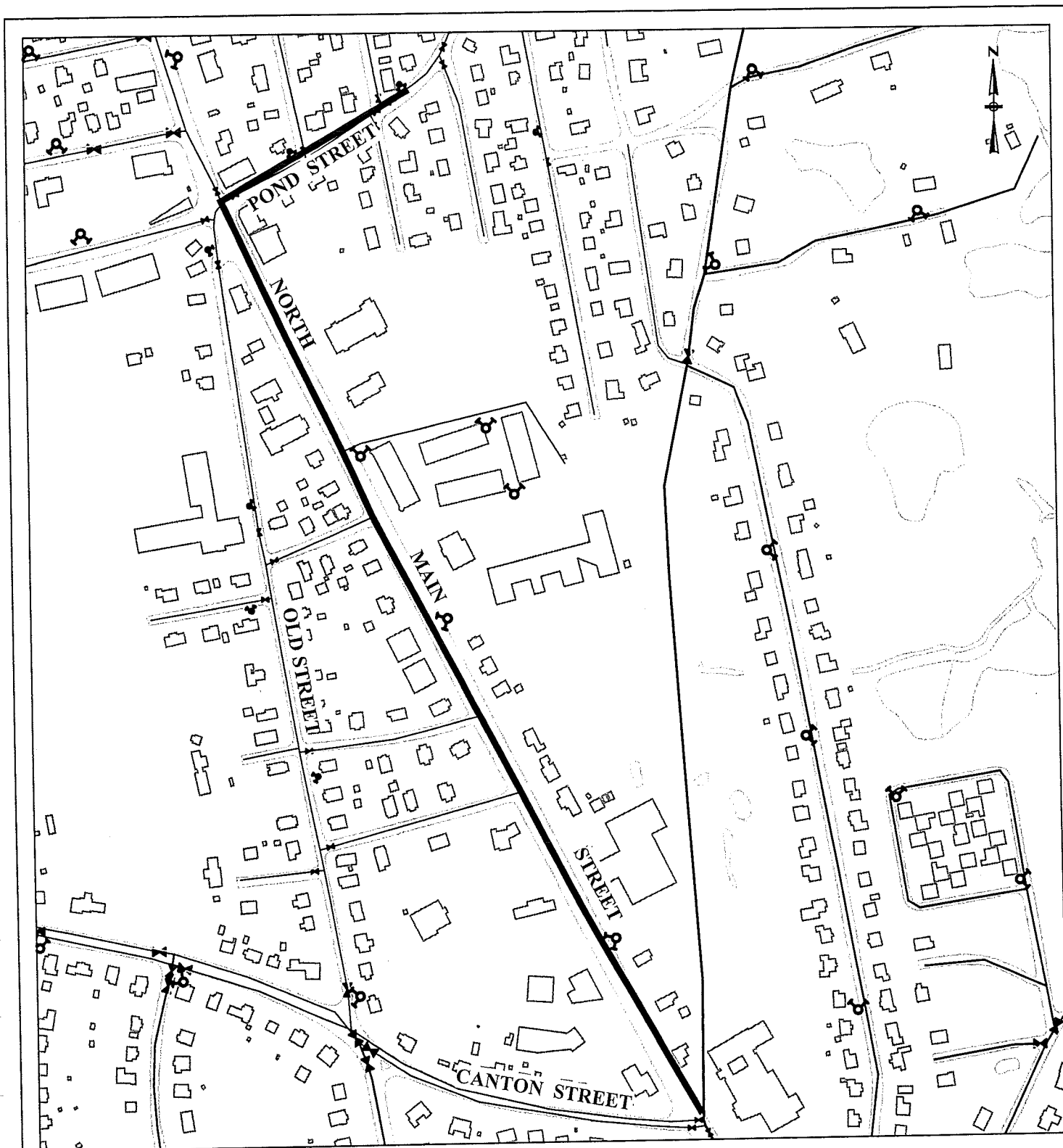
**Notes:**

ALL SHEETS NOT TO SCALE

**BETA Group, Inc.**  
Engineers • Scientists • Planners

Year -2  
Step - 4

**TOWN OF RANDOLPH, MA**  
**Unidirectional Flushing Program**



Location:

8" Water main on North Main Street from Canton Street to Pond Street.

LEGEND

**—** Flushing location

Notes:

See next page for valve and hydrant locations  
All sheets not to scale

Hydrants to Flush:

Hydrant on Pond Street between North Lillian Street and North Harriette Street.

Valves to Close:

6-inch valve at intersection of Canton Street and North Main Street.

10-inch valve at intersection of Canton Street and North Main Street.

14-inch valve at intersection of Canton Street and North Main Street.

4-inch valve at intersection of Forest Street and Old Street.

4-inch valve at intersection of Gordon Street and Old Street.

4-inch valve at intersection of Intervale Terrace and Old Street.

6-inch valve at intersection of Old Street and North Main Street.

6-inch valve at intersection of Reed Street and North Main Street.

8-inch valve at on North Main Street at intersection of Pond Street.

8-inch valve at intersection of Adelaide Street and Pond Street.

8-inch valve at intersection of North Lillian Street and Pond Main Street.

8-inch valve on Pond Street between South Harriette Street and South Harriette Street.

Notes:

See next 3 pages for a visual of valve and hydrant locations.

Flushing Time:

5 minutes minimum to completely displace the total amount of water in the main.

Continue flushing until the water is clear.

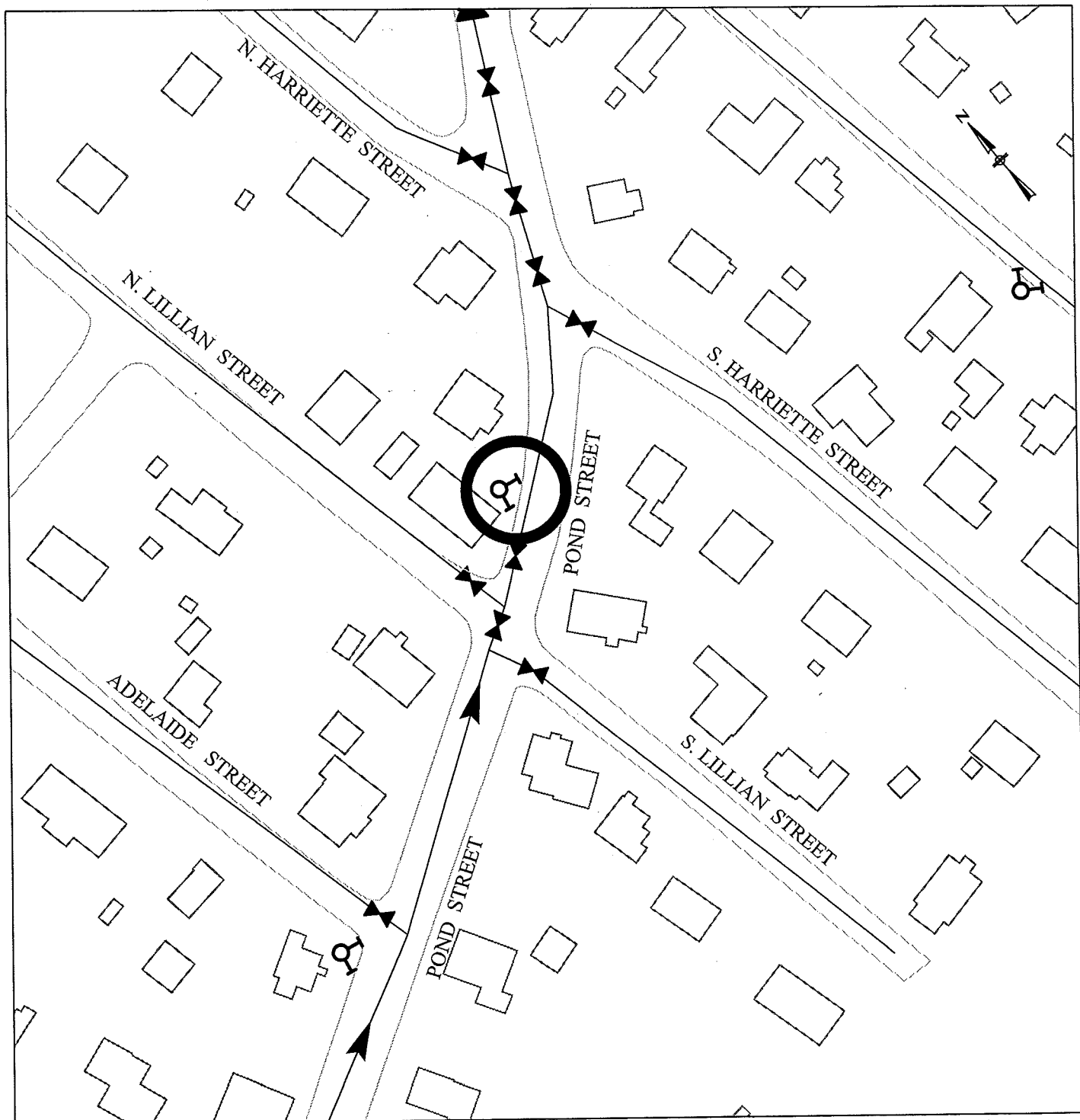
Operator: \_\_\_\_\_

Flushing Date: \_\_\_\_\_ Start Time: \_\_\_\_\_ End Time: \_\_\_\_\_

Observations: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



**LEGEND:**

- |                      |                    |                  |
|----------------------|--------------------|------------------|
| ◄ Open Gate Valves   | ⊗ Closed Hydrant   | ◄ Flow Direction |
| ⊗ Closed Gate Valves | ⊕ Flushing Hydrant |                  |

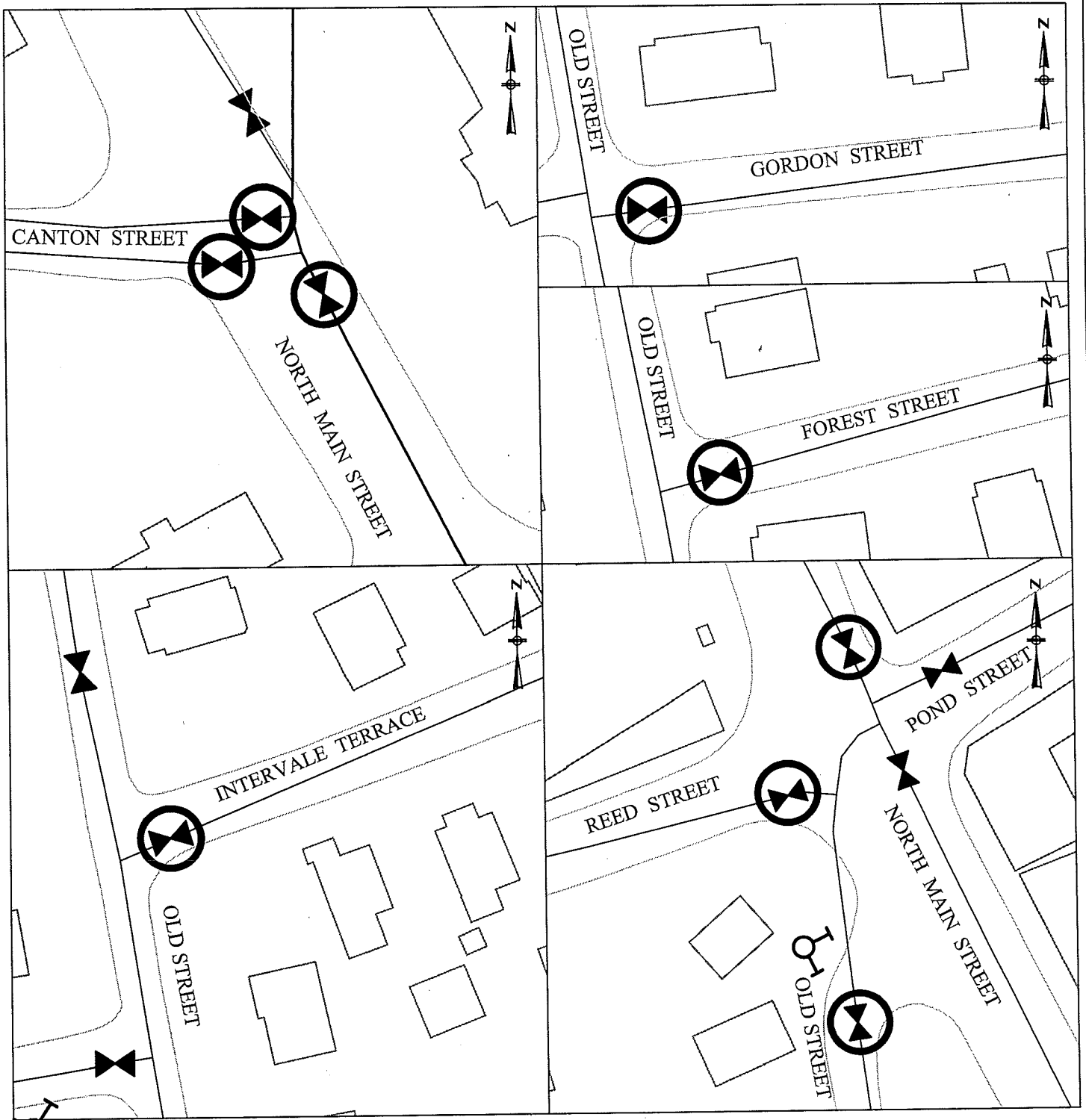
**Notes:**

ALL SHEETS NOT TO SCALE

**BETA Group, Inc.**  
Engineers • Scientists • Planners

**Year -2  
Step - 5**

**TOWN OF RANDOLPH, MA  
Unidirectional Flushing Program**



**LEGEND:**

- |                    |                  |                |
|--------------------|------------------|----------------|
| Open Gate Valves   | Closed Hydrant   | Flow Direction |
| Closed Gate Valves | Flushing Hydrant |                |

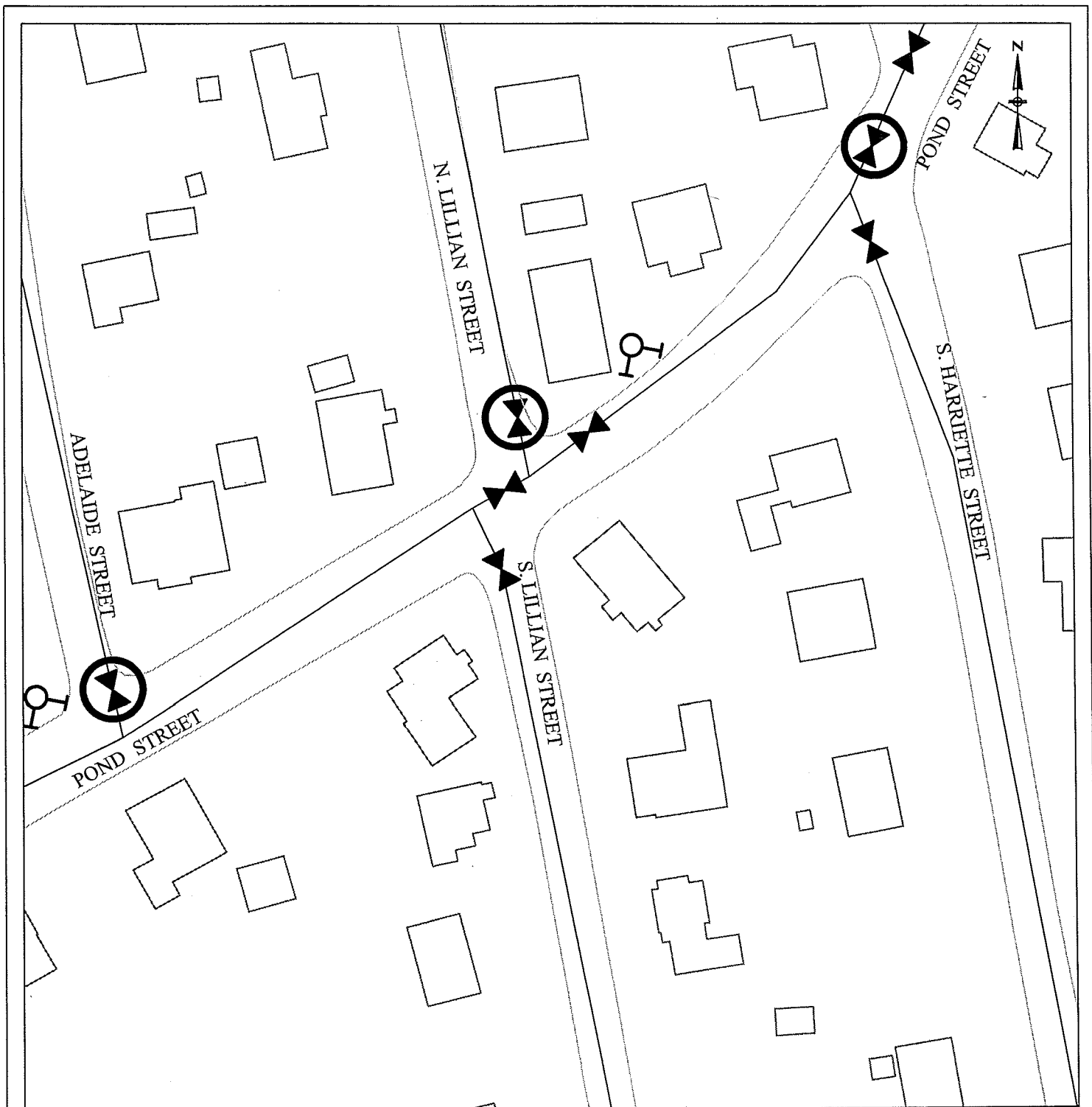
**Notes:**

ALL SHEETS NOT TO SCALE

**BETA Group, Inc.**  
Engineers • Scientists • Planners

Year -2  
Step - 5

**TOWN OF RANDOLPH, MA**  
**Unidirectional Flushing Program**



**LEGEND:**

- |                    |                  |                |
|--------------------|------------------|----------------|
| Open Gate Valves   | Closed Hydrant   | Flow Direction |
| Closed Gate Valves | Flushing Hydrant |                |

**Notes:**

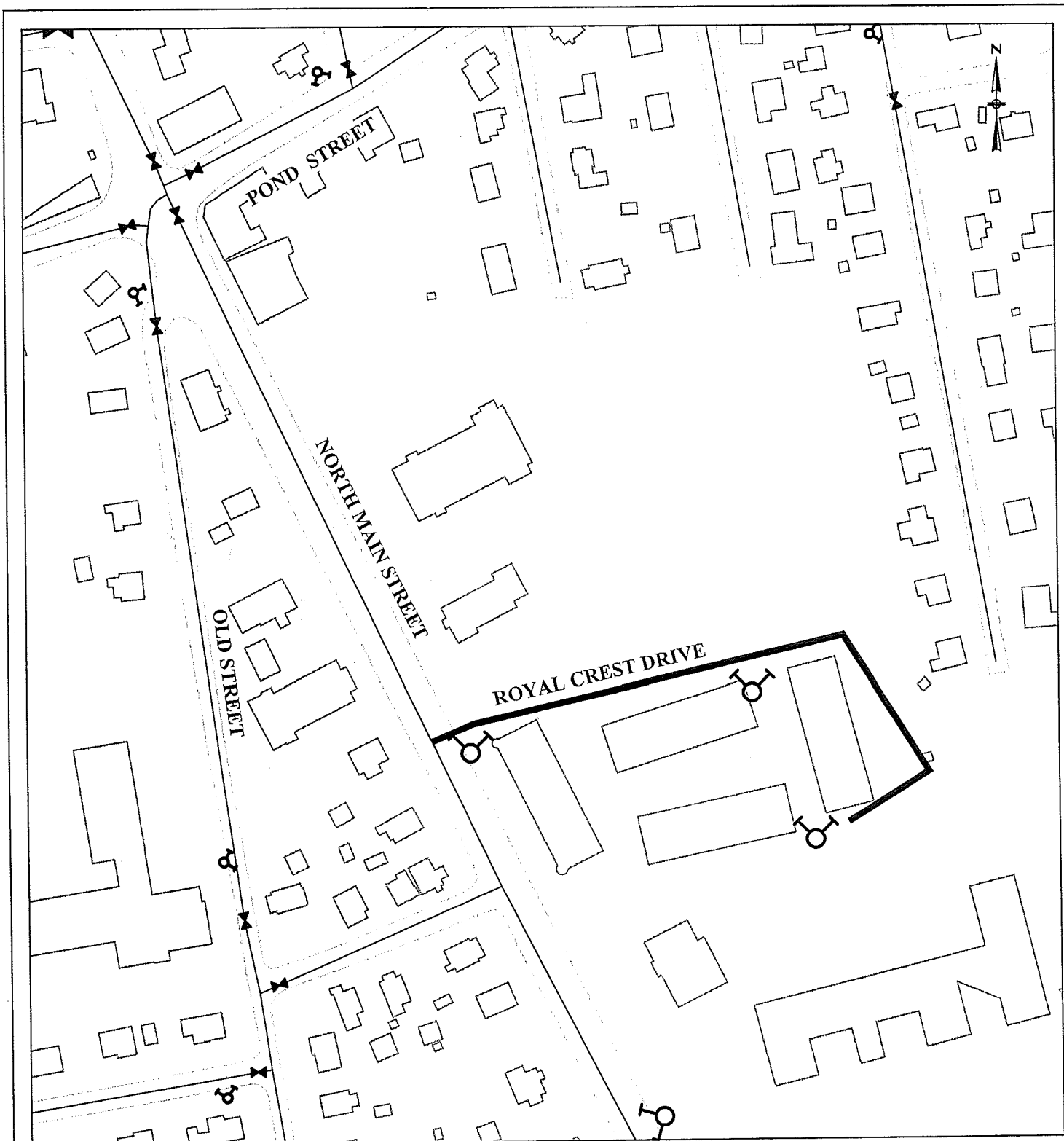
ALL SHEETS NOT TO SCALE

**BETA Group, Inc.**  
Engineers • Scientists • Planners

Year -2  
Step - 5

**TOWN OF RANDOLPH, MA**  
**Unidirectional Flushing Program**





Location:

6" Water main on Royal Crest Drive.

LEGEND

**—** Flushing location

Notes:

See next page for hydrant location.  
All sheets not to scale.

Hydrants to Flush:

Hydrant at end of Royal Crest Drive.

Valves to Close:

None.

Notes:

See next page for a visual of hydrant location.

Flushing Time:

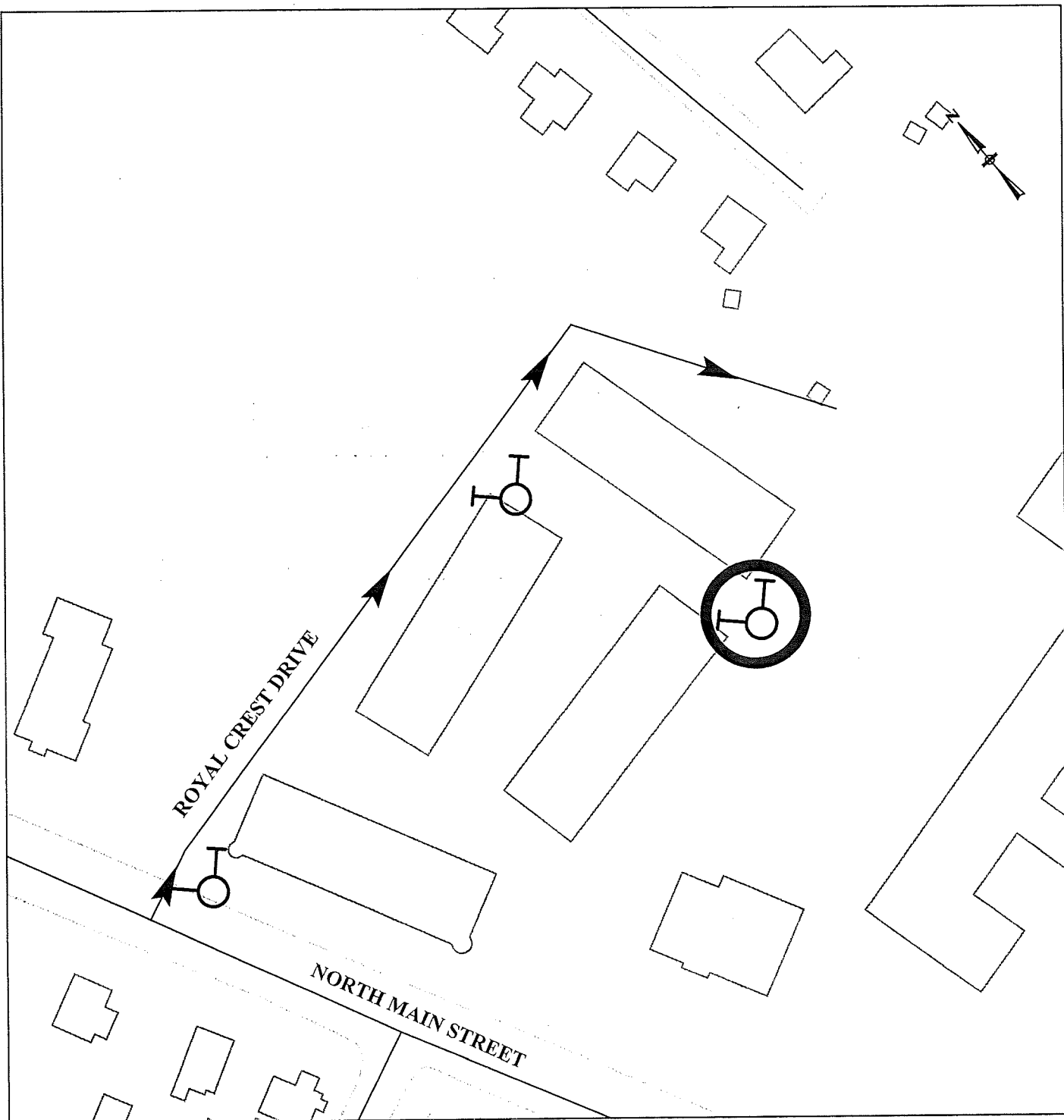
1 minute minimum to completely displace the total amount of water in the main.

Continue flushing until the water is clear.

Operator: \_\_\_\_\_

Flushing Date: \_\_\_\_\_ Start Time: \_\_\_\_\_ End Time: \_\_\_\_\_

Observations: \_\_\_\_\_

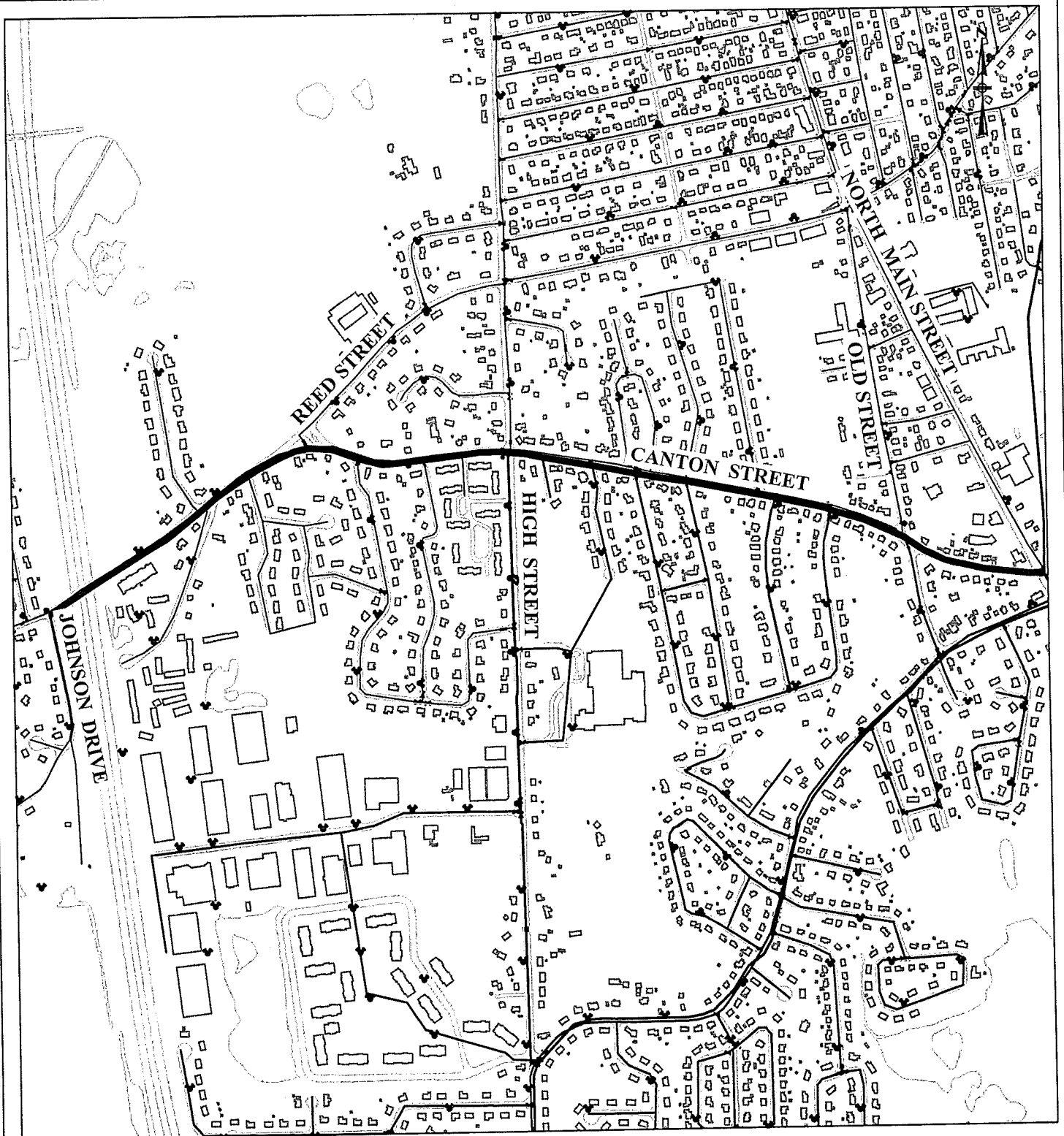


**LEGEND:**

- |                    |                  |                |
|--------------------|------------------|----------------|
| Open Gate Valves   | Closed Hydrant   | Flow Direction |
| Closed Gate Valves | Flushing Hydrant |                |

**Notes:**

ALL SHEETS NOT TO SCALE



Location:

10" Water main on Canton Street from North Main Street to Johnson Drive.

Notes:

See next page for valve and hydrant locations  
All sheets not to scale

LEGEND

**—** Flushing location

**BETA Group, Inc.**  
Engineers • Scientists • Planners

Year -2  
Step - 6

**TOWN OF RANDOLPH, MA**  
**Unidirectional Flushing Program**

Hydrants to Flush:

Hydrant at intersection of Johnson Drive and Canton Street.

Valves to Close:

14-inch valve at intersection of Canton Street and North Main Street.

6-inch valve at intersection of Canton Street and North Main Street.

6-inch valve on Old Street at intersection of Old Street and Canton Street.

6-inch valve on Himoor at intersection of Himoor Circle and Canton Street (2).

6-inch valve at intersection of High Street and Canton Street.

12-inch valve at intersection of High Street and Canton Street.

6-inch valve between Canton Street and Reed Street.

8-inch valve between Canton Street and Reed Street.

6-inch valve at intersection of Irving Street and Canton Street.

6-inch valve on Canton Street at intersection of Fawn Circle and Canton Street.

6-inch valve on Johnson Drive at intersection of Johnson Drive and Canton Street.

6-inch valve on Canton Streer at intersection of Turner Drive and Canton Street.

6-inch valve on Turner Drive at intersection of Turner Drive and Canton Street.

Notes:

See next 3 pages for a visual of valve and hydrant locations.

Flushing Time:

18 minutes minimum to completely displace the total amount of water in the main.

Continue flushing until the water is clear.

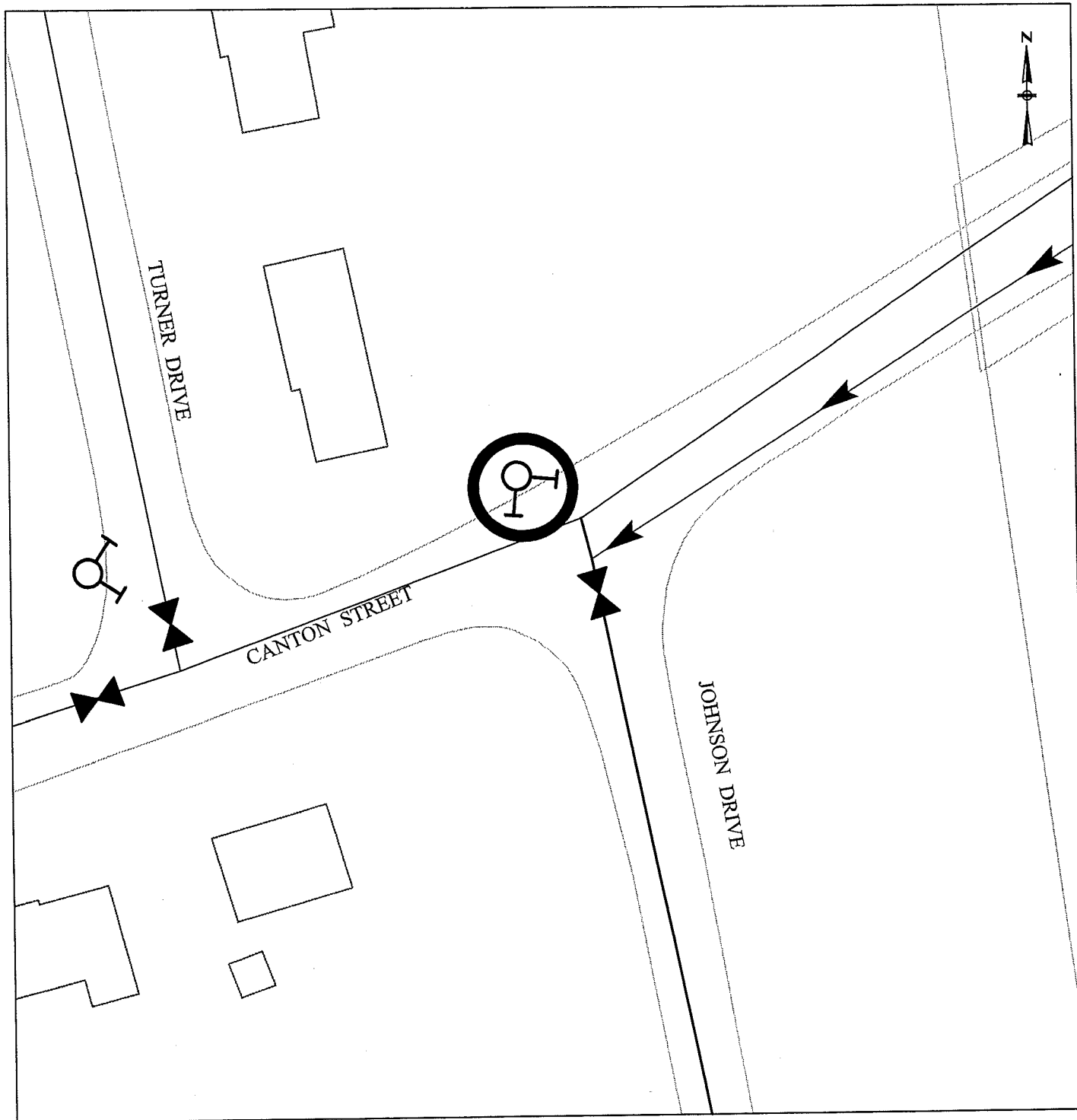
Operator: \_\_\_\_\_

Flushing Date: \_\_\_\_\_ Start Time: \_\_\_\_\_ End Time: \_\_\_\_\_

Observations: \_\_\_\_\_

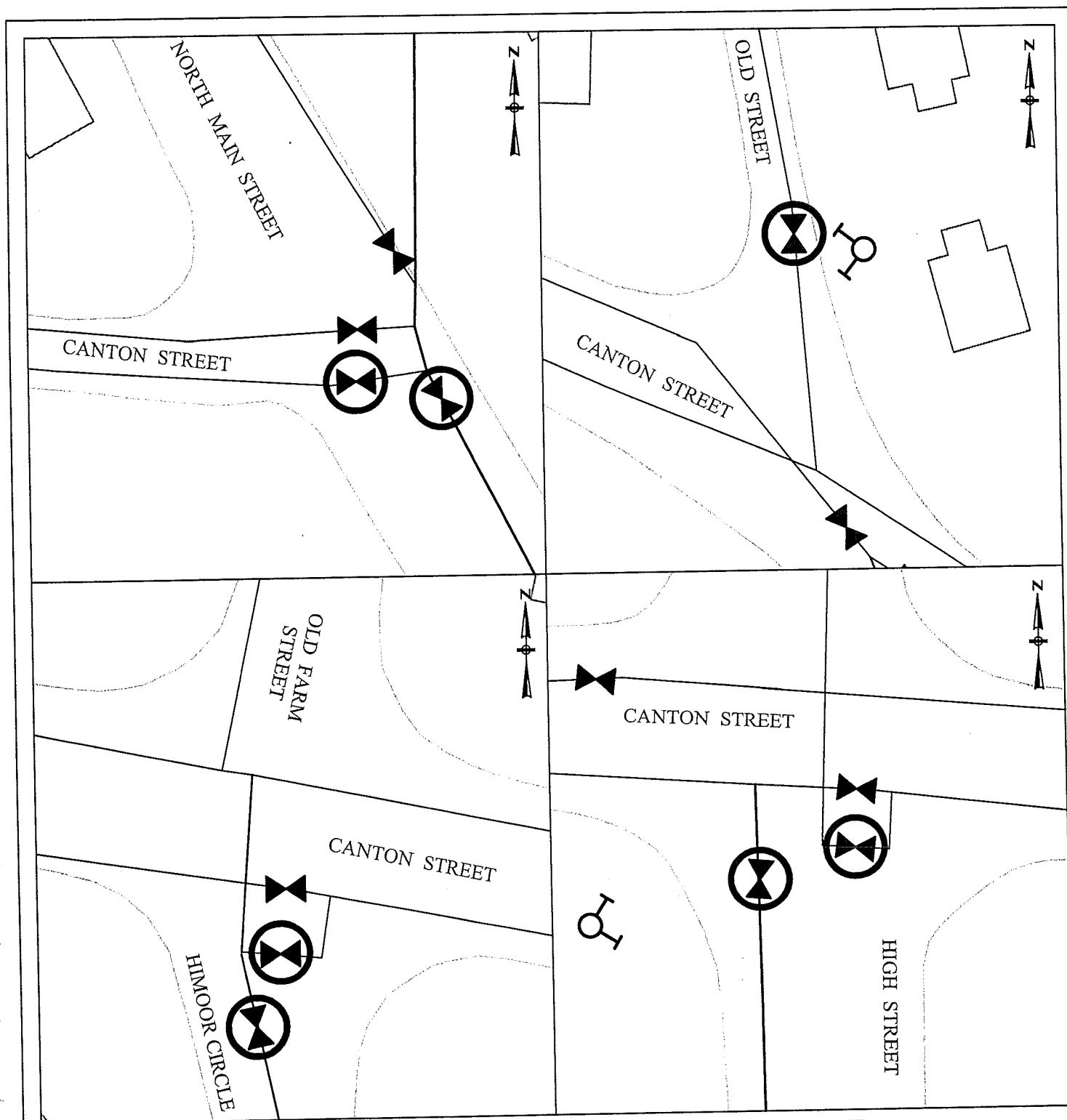
\_\_\_\_\_

\_\_\_\_\_



<u>LEGEND:</u>		
Open Gate Valves	Closed Hydrant	Flow Direction
Closed Gate Valves	Flushing Hydrant	

Notes:  
ALL SHEETS NOT TO SCALE

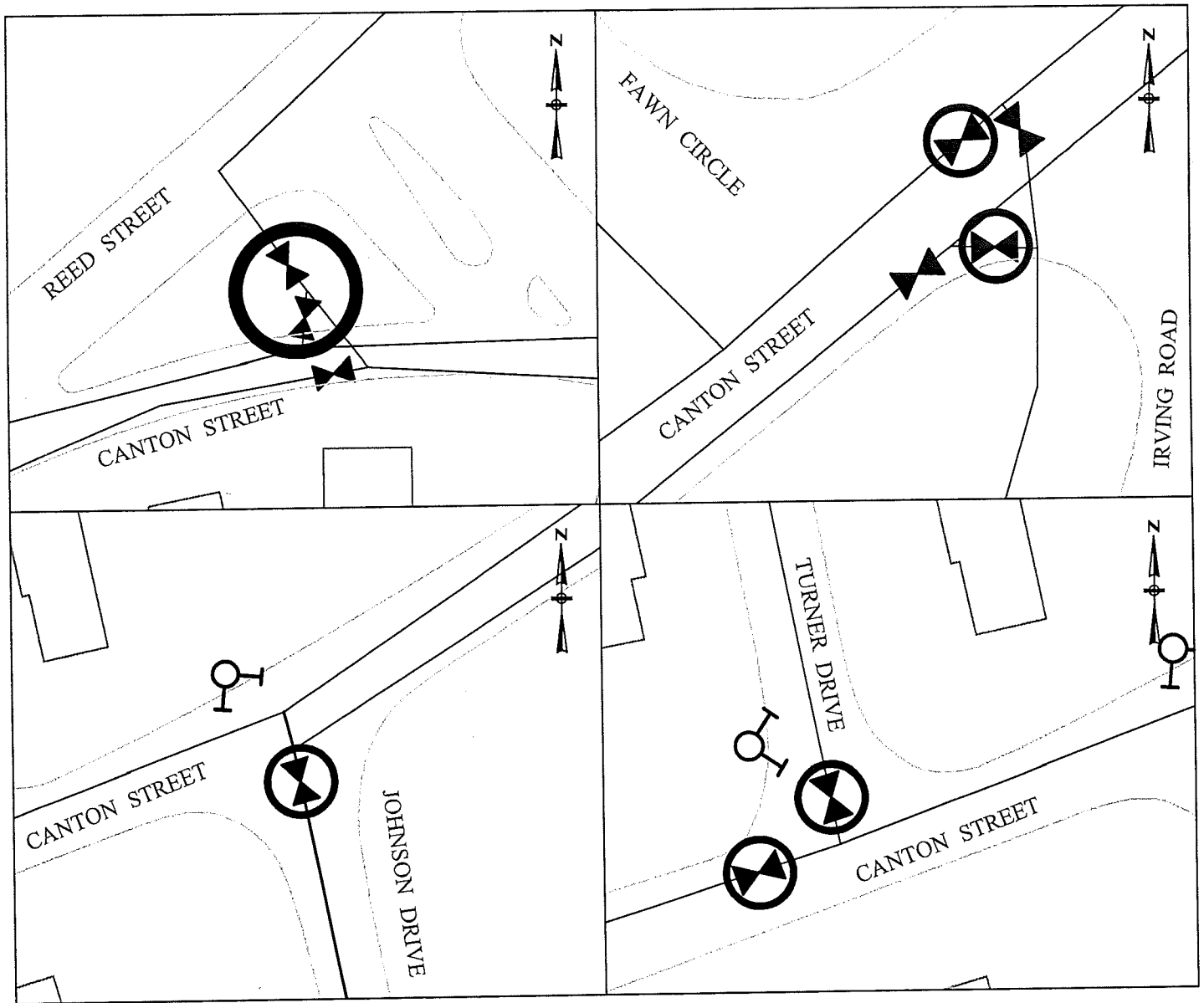


**LEGEND:**

- |                    |                  |                |
|--------------------|------------------|----------------|
| Open Gate Valves   | Closed Hydrant   | Flow Direction |
| Closed Gate Valves | Flushing Hydrant |                |

**Notes:**

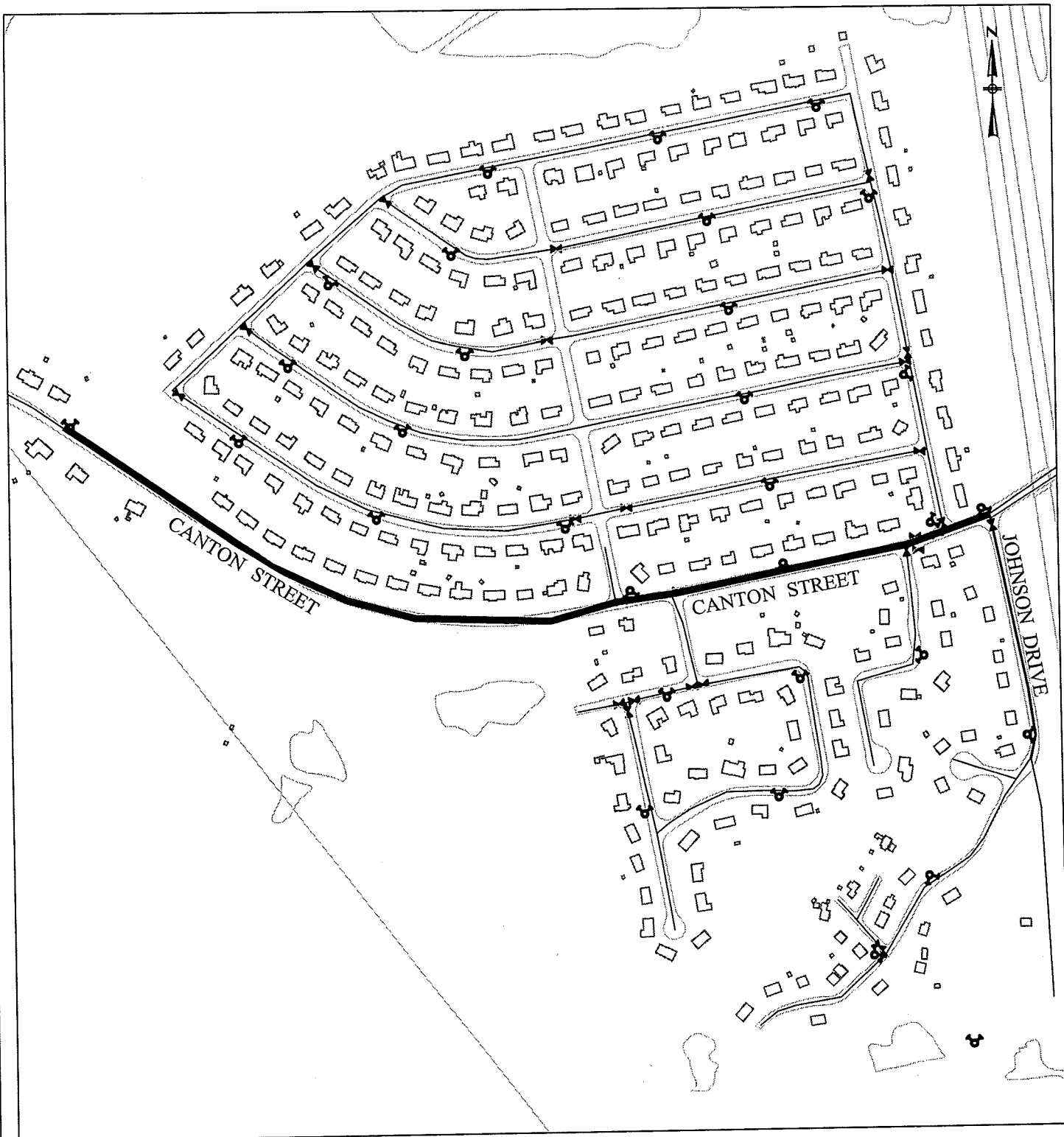
ALL SHEETS NOT TO SCALE



Open Gate Valves Closed Gate Valves	<b>LEGEND:</b> Closed Hydrant Flushing Hydrant	Flow Direction
--	--	----------------

Notes:  
ALL SHEETS NOT TO SCALE





Location:

6" water main on Canton Street from Johnson Drive to  
Canton Town line

Notes:

See next page for valve and hydrant locations  
All sheets not to scale

LEGEND

— Flushing location

**BETA Group, Inc.**  
Engineers • Scientists • Planners

Year -2  
Step - 7

**TOWN OF RANDOLPH, MA**  
**Unidirectional Flushing Program**

Hydrants to Flush:

Hydrant in front of 386 Canton Street.

Valves to Close:

6-inch valve on Canton Street at intersection of Fawin Circle and Canton Street.

6-inch valve at intersection of Irving Street and Canton Street.

Ensure 6-inch valve for emergency connection with Canton is closed.

Notes:

See next 2 pages for a visual of valve and hydrant locations.

Flushing Time:

16 minutes minimum to completely displace the total amount of water in the main.

Continue flushing until the water is clear.

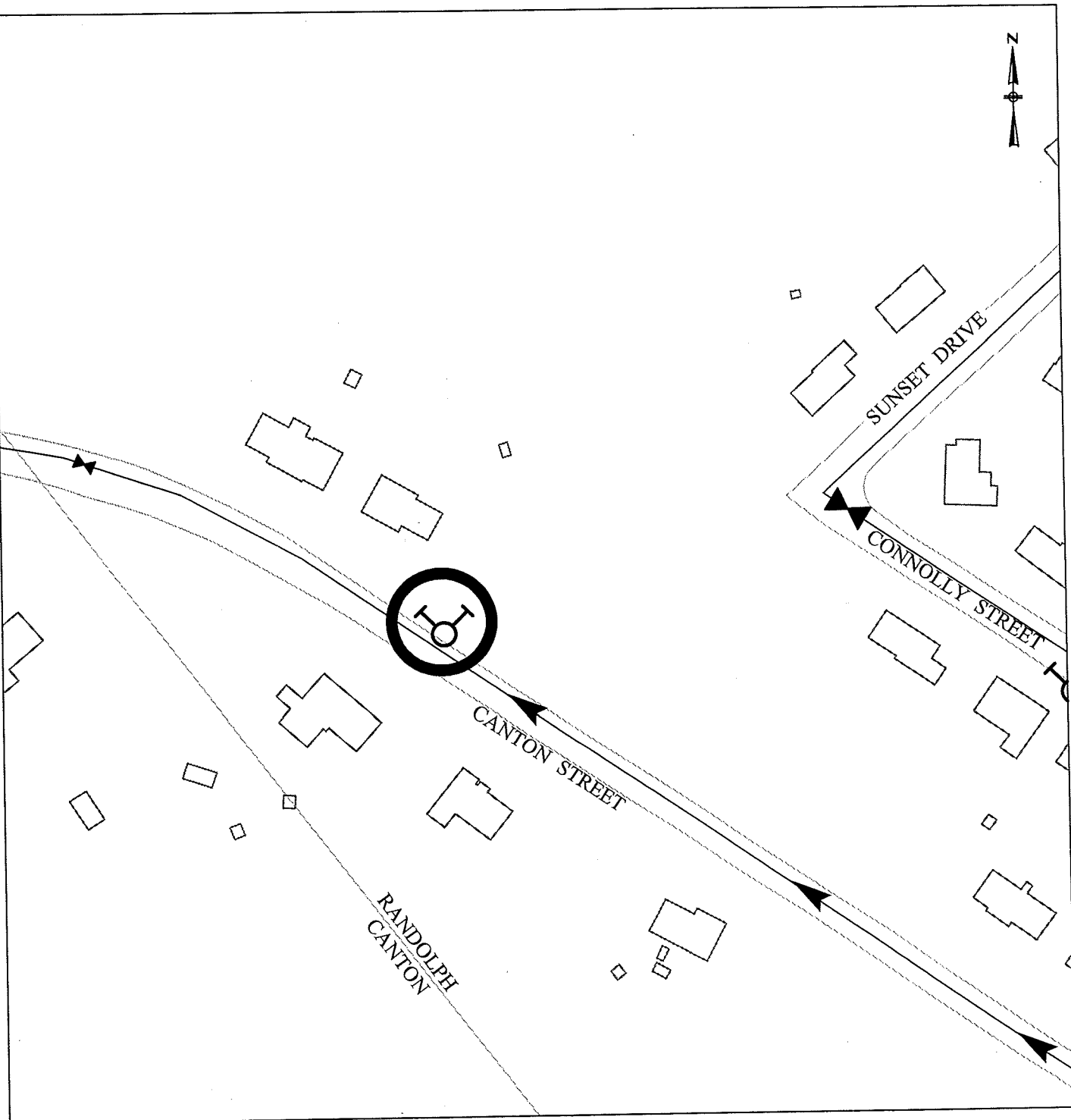
Operator: \_\_\_\_\_

Flushing Date: \_\_\_\_\_ Start Time: \_\_\_\_\_ End Time: \_\_\_\_\_

Observations: \_\_\_\_\_

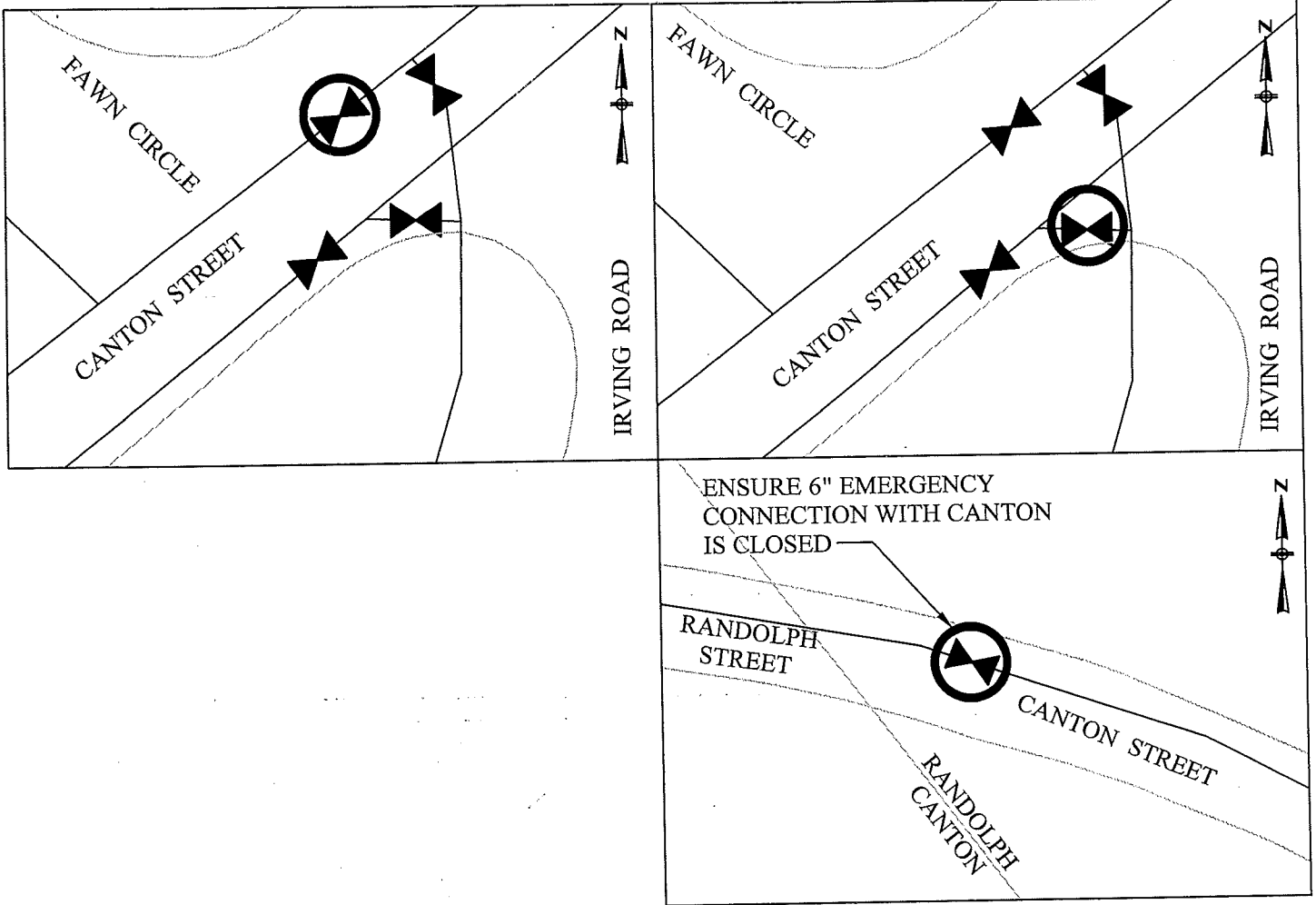
\_\_\_\_\_

\_\_\_\_\_



<b>LEGEND:</b>		
◀▶ Open Gate Valves	⊕ Closed Hydrant	◀ Flow Direction
⊗ Closed Gate Valves	⊕ Flushing Hydrant	

Notes:  
ALL SHEETS NOT TO SCALE



**LEGEND:**

- |                    |                  |                |
|--------------------|------------------|----------------|
| Open Gate Valves   | Closed Hydrant   | Flow Direction |
| Closed Gate Valves | Flushing Hydrant |                |

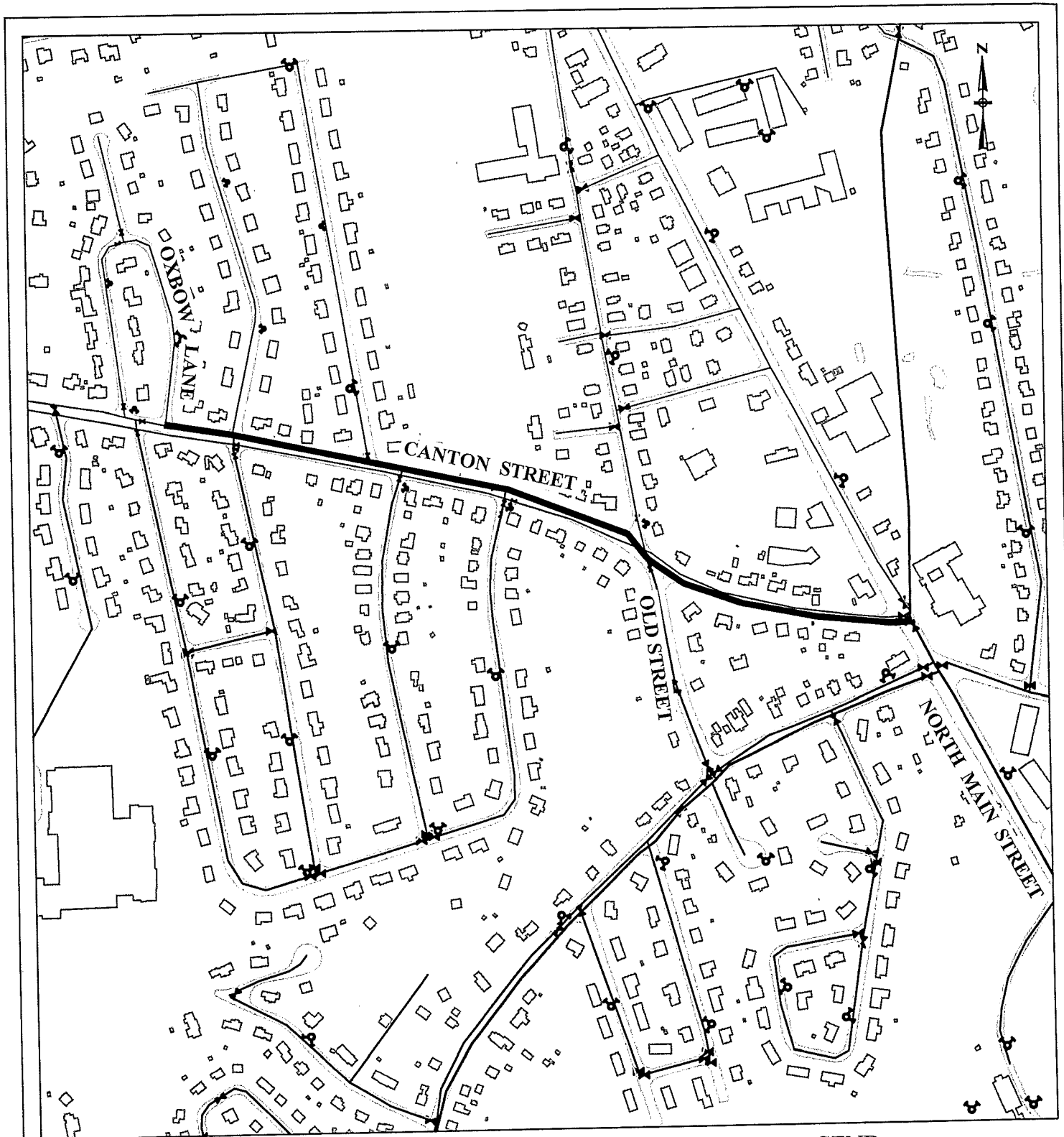
**Notes:**

ALL SHEETS NOT TO SCALE

**BETA Group, Inc.**  
Engineers • Scientists • Planners

Year -2  
Step - 7

**TOWN OF RANDOLPH, MA**  
**Unidirectional Flushing Program**



Location:

6" Water main on Canton Street from North Main Street to Oxbow Lane.

Notes:

See next page for valve and hydrant locations  
All sheets not to scale

LEGEND

**—** Flushing location

**BETA Group, Inc.**  
Engineers • Scientists • Planners

Year -2  
Step - 8

**TOWN OF RANDOLPH, MA**  
**Unidirectional Flushing Program**

Hydrants to Flush:

Hydrant on Oxbow Lane.

Valves to Close:

- 6-inch valve on Old Street at intersection of Canton Street and Old Street.
- 6-inch valve on Marion Street at intersection of Marion Street and Canton Street.
- 6-inch valve at intersection of Overlook Road and Canton Street.
- 6-inch valve at intersection of Himoor Circle and Canton Street.
- 6-inch valve on Himoor Circle at intersection of Himoor Circle and Canton Street.
- 6-inch valve on Canton Street at intersection of Himoor Circle and Canton Street.
- 6-inch valve at intersection of Oxbow Lane and Oxbow Lane.

Notes:

See next 2 pages for a visual of valve and hydrant locations.

Flushing Time:

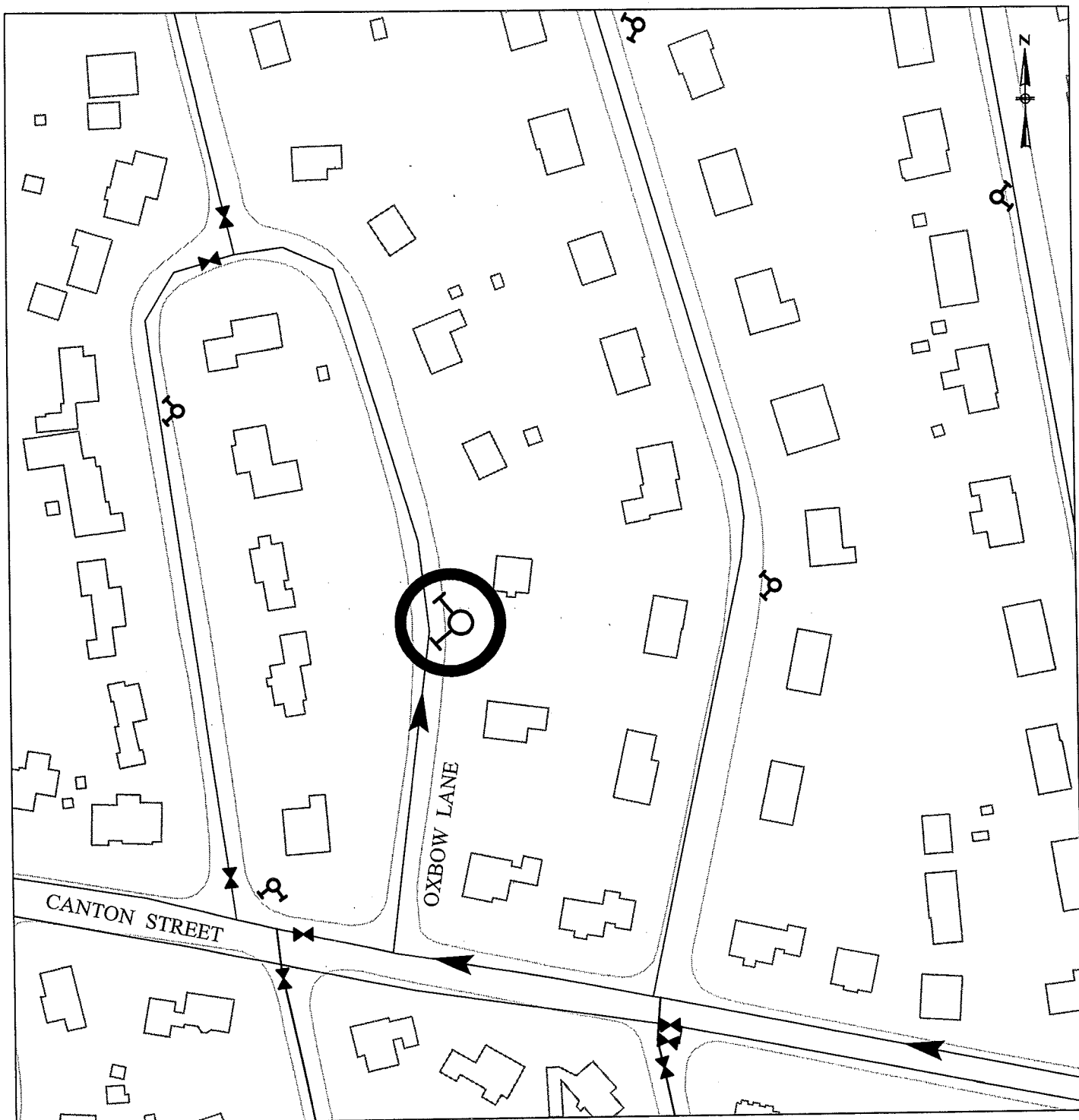
3 minutes minimum to completely displace the total amount of water in the main.

Continue flushing until the water is clear.

Operator: \_\_\_\_\_

Flushing Date: \_\_\_\_\_ Start Time: \_\_\_\_\_ End Time: \_\_\_\_\_

Observations: \_\_\_\_\_



**LEGEND:**

- |                      |                    |                  |
|----------------------|--------------------|------------------|
| ✕ Open Gate Valves   | ⊗ Closed Hydrant   | ◀ Flow Direction |
| ⊗ Closed Gate Valves | ⊕ Flushing Hydrant |                  |

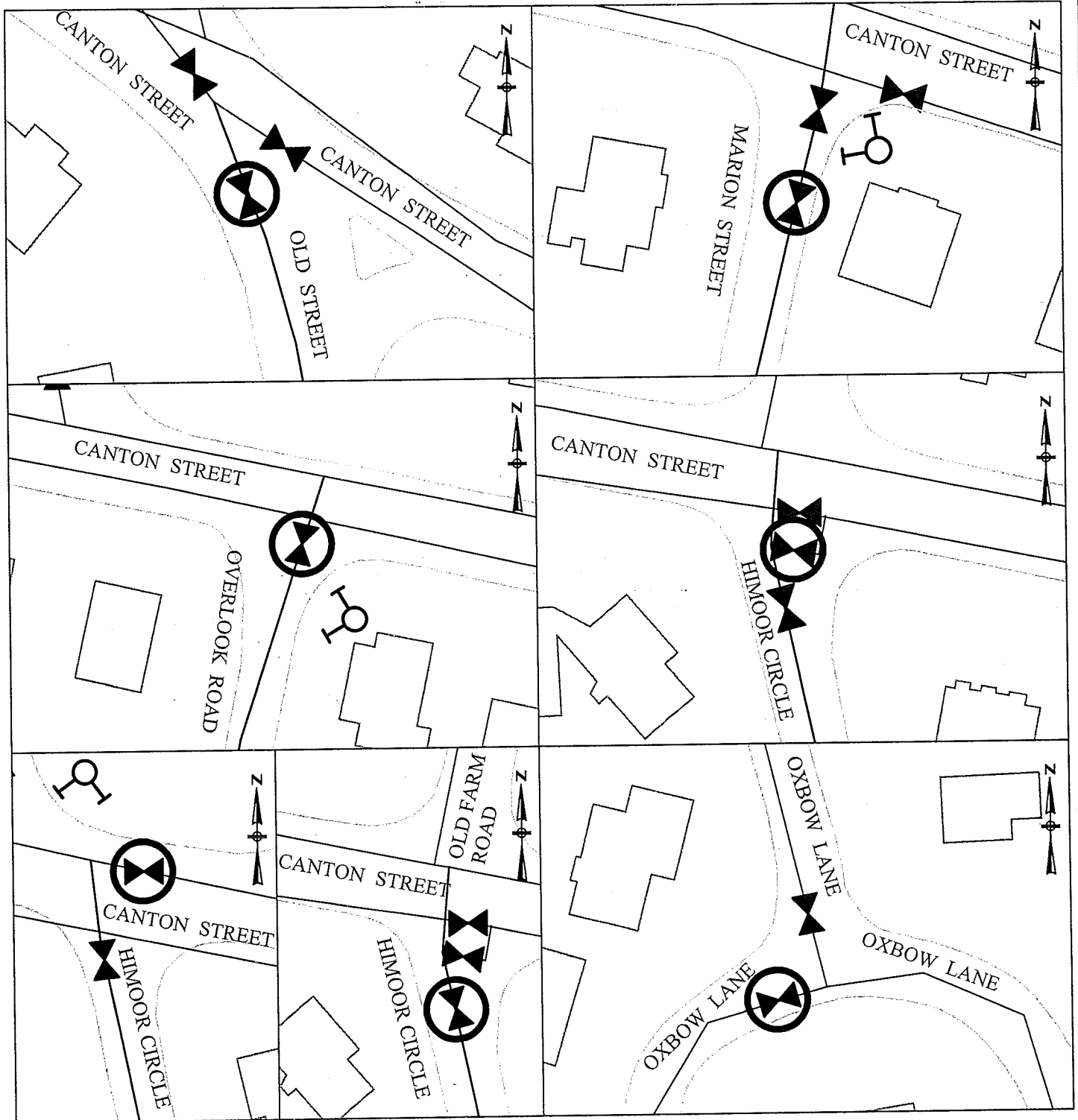
**Notes:**

ALL SHEETS NOT TO SCALE

**BETA Group, Inc.**  
Engineers • Scientists • Planners

**Year -2  
Step - 8**

**TOWN OF RANDOLPH, MA  
Unidirectional Flushing Program**



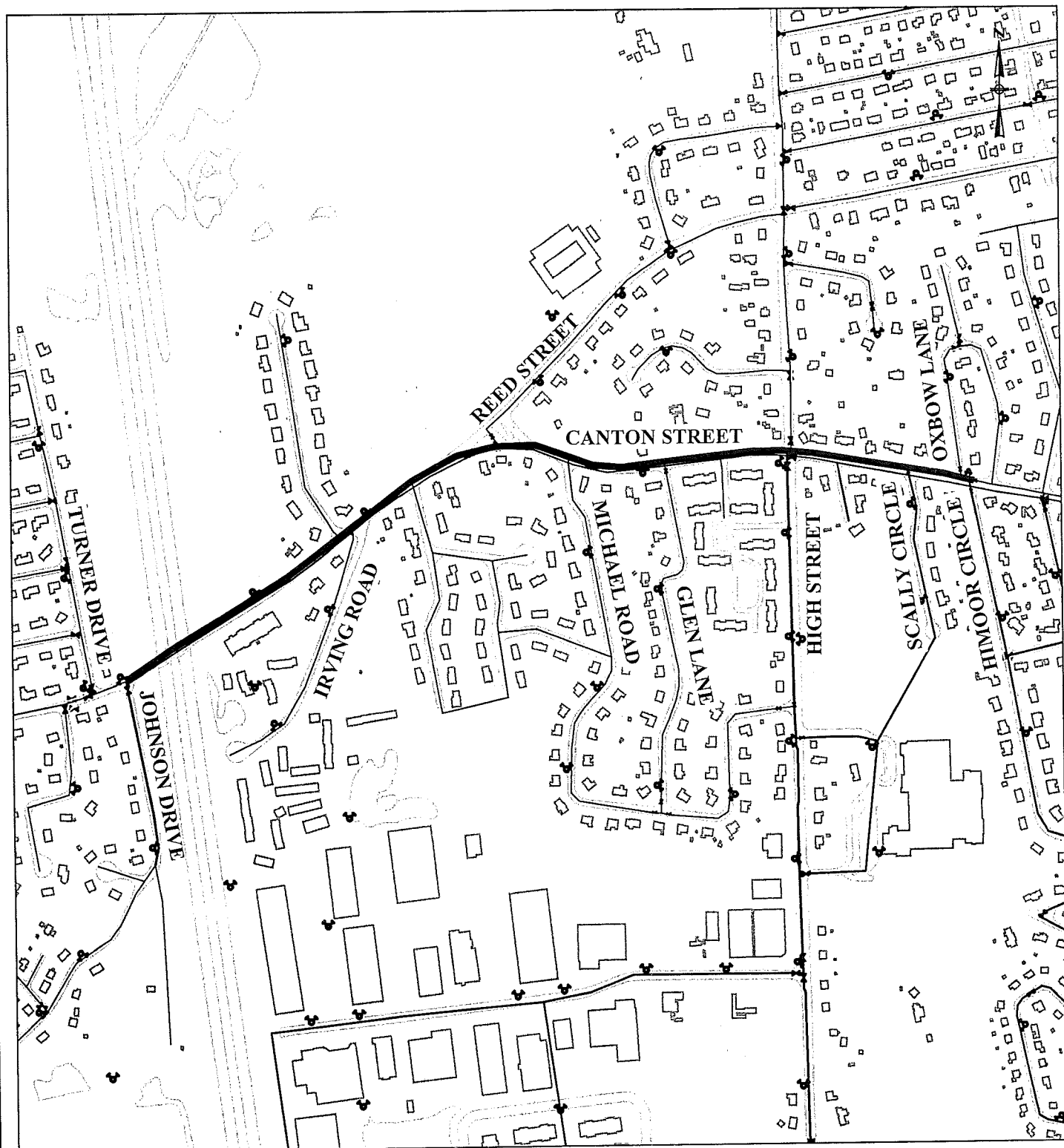
**LEGEND:**

- |                    |                  |                |
|--------------------|------------------|----------------|
| Open Gate Valves   | Closed Hydrant   | Flow Direction |
| Closed Gate Valves | Flushing Hydrant |                |

**Notes:**

ALL SHEETS NOT TO SCALE






Location:

6" Water main on Canton Street from Oxbow Lane to Johnson Drive.

Notes:

See next page for valve and hydrant locations  
All sheets not to scale

LEGEND

 Flushing location

Hydrants to Flush:

Hydrant at intersection of Johnson Drive and Canton Street.

Valves to Close:

6-inch valve on Himoor Circle at intersection of Himoor Circle and Canton Street.

6-inch valve on Oxbow Lane at intersection of Oxbow Lane and Canton Street.

6-inch valve on Scally Circle at intersection of Scally Circle and Canton Street.

6-inch valve on Glen Lane at intersection of Glen Lane and Canton Street.

6-inch valve on Michael Road at intersection of Michael Road and Glen Lane.

6-inch valve at intersection of Canton Street and Reed Street.

6-inch valve on Irving Road at intersection of Irving Road and Canton Street.

6-inch valve on Johnson Drive at intersection of Johnson Drive and Canton Street.

6-inch valve on Turner Drive at intersection Turner Drive and Canton Street.

6-inch valve on Canton Street at intersection of Canton Street and Turner Drive.

Notes:

See next 3 pages for a visual of valve and hydrant locations.

Flushing Time:

4 minutes minimum to completely displace the total amount of water in the main.

Continue flushing until the water is clear.

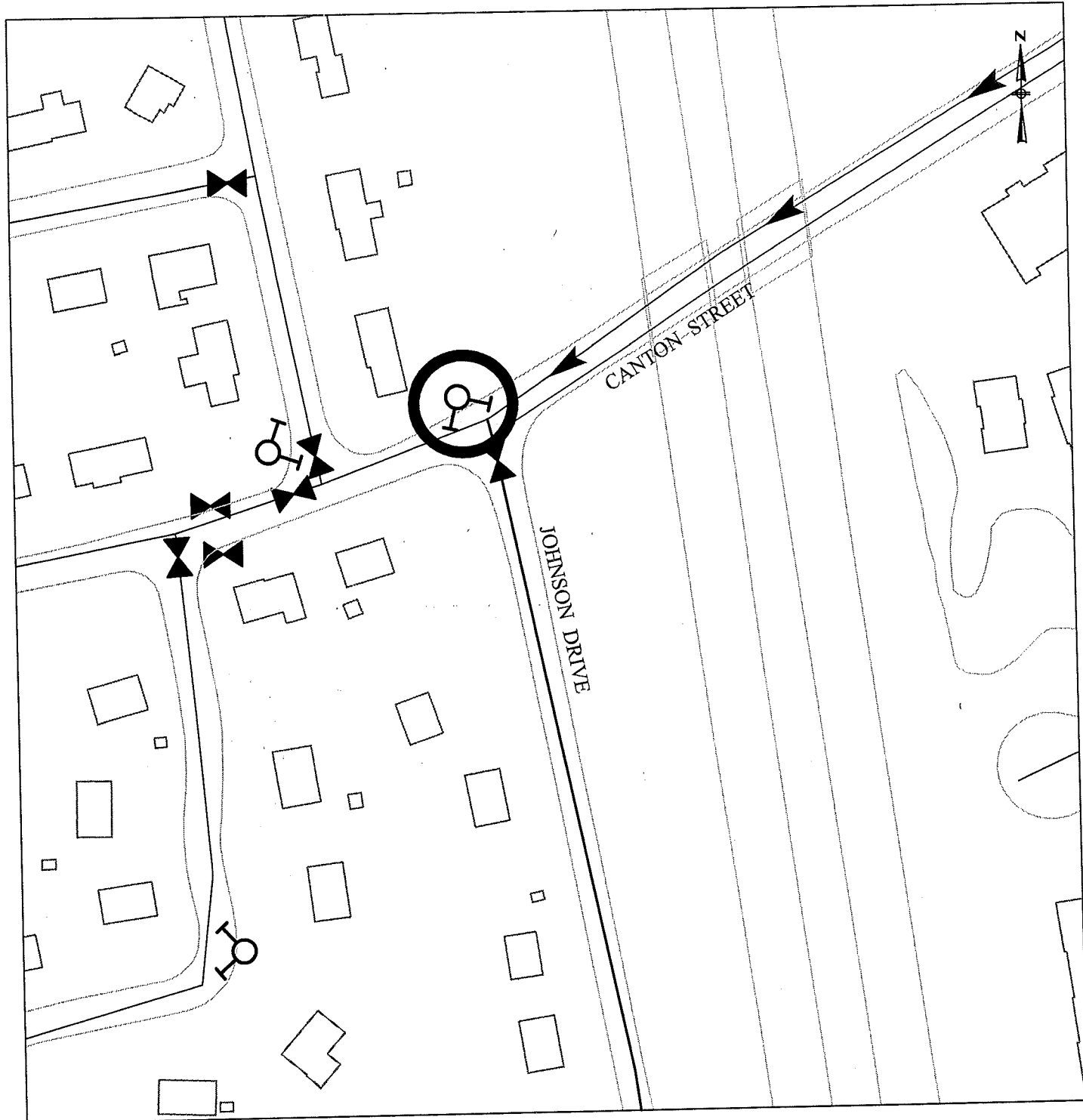
Operator: \_\_\_\_\_

Flushing Date: \_\_\_\_\_ Start Time: \_\_\_\_\_ End Time: \_\_\_\_\_

Observations: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



**LEGEND:**

- |                    |                  |                |
|--------------------|------------------|----------------|
| Open Gate Valves   | Closed Hydrant   | Flow Direction |
| Closed Gate Valves | Flushing Hydrant |                |

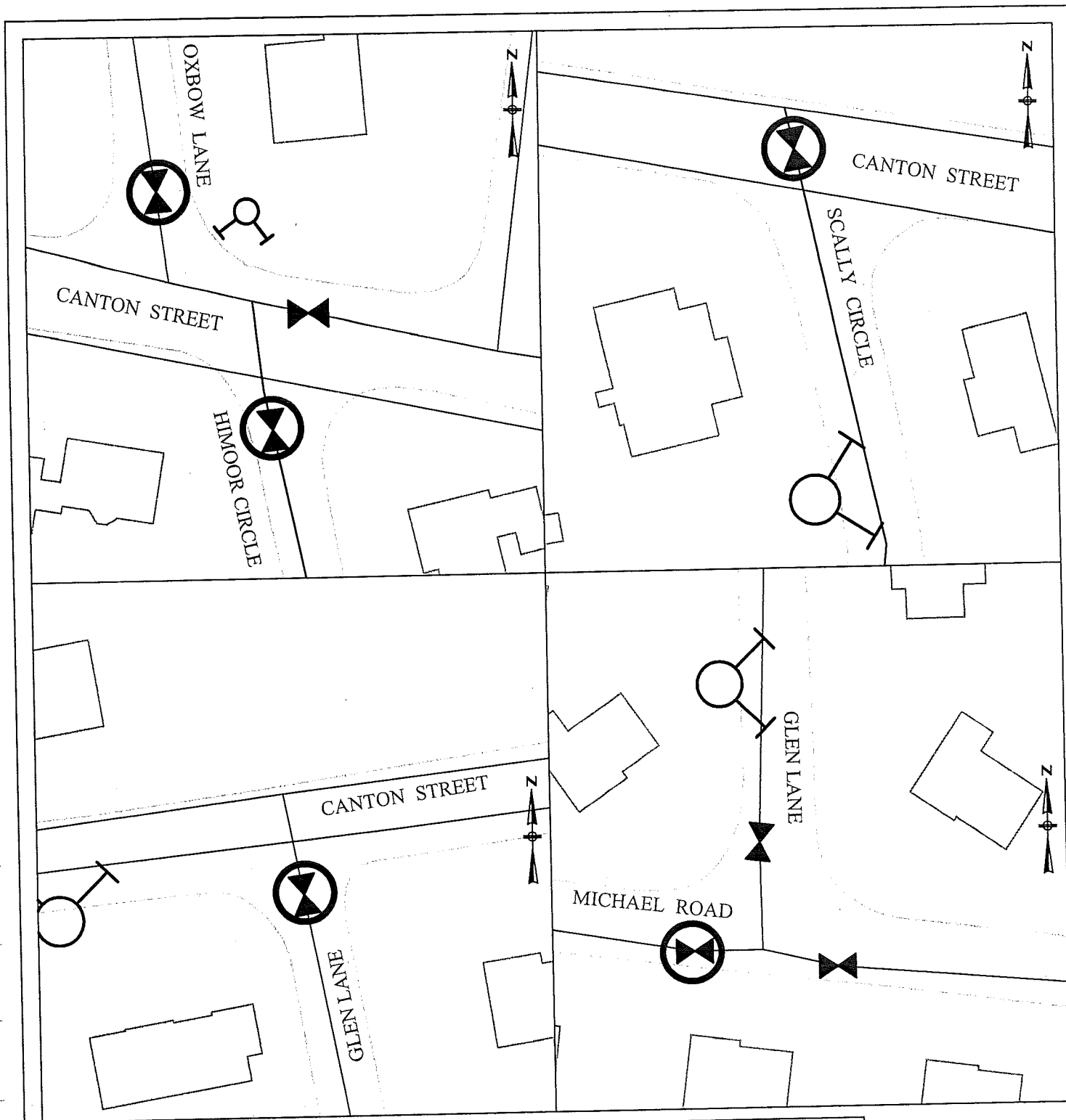
**Notes:**

ALL SHEETS NOT TO SCALE

**BETA Group, Inc.**  
Engineers • Scientists • Planners

Year -2  
Step -9

**TOWN OF RANDOLPH, MA**  
**Unidirectional Flushing Program**

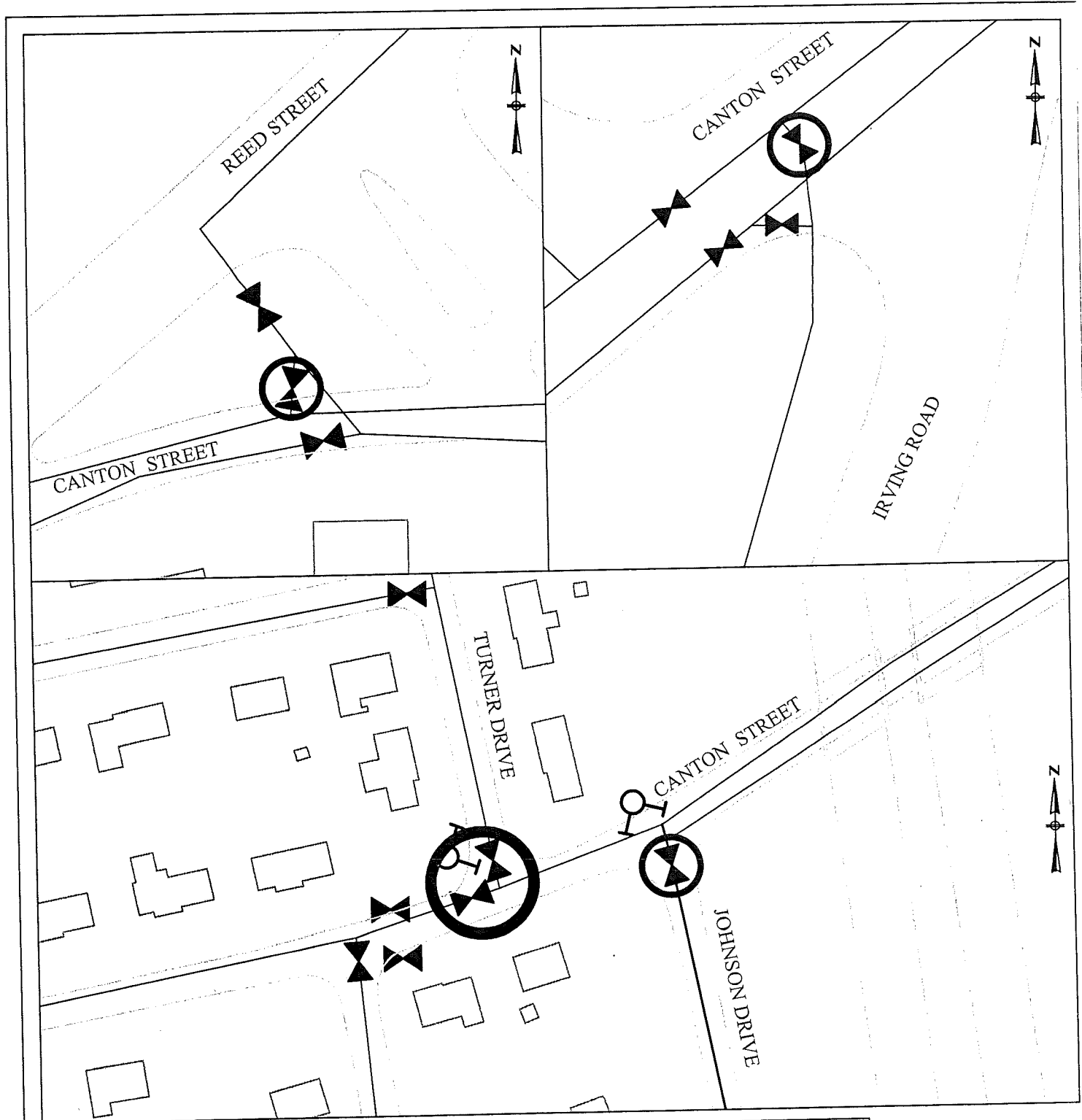


**LEGEND:**

- |                    |                  |                |
|--------------------|------------------|----------------|
| Open Gate Valves   | Closed Hydrant   | Flow Direction |
| Closed Gate Valves | Flushing Hydrant |                |

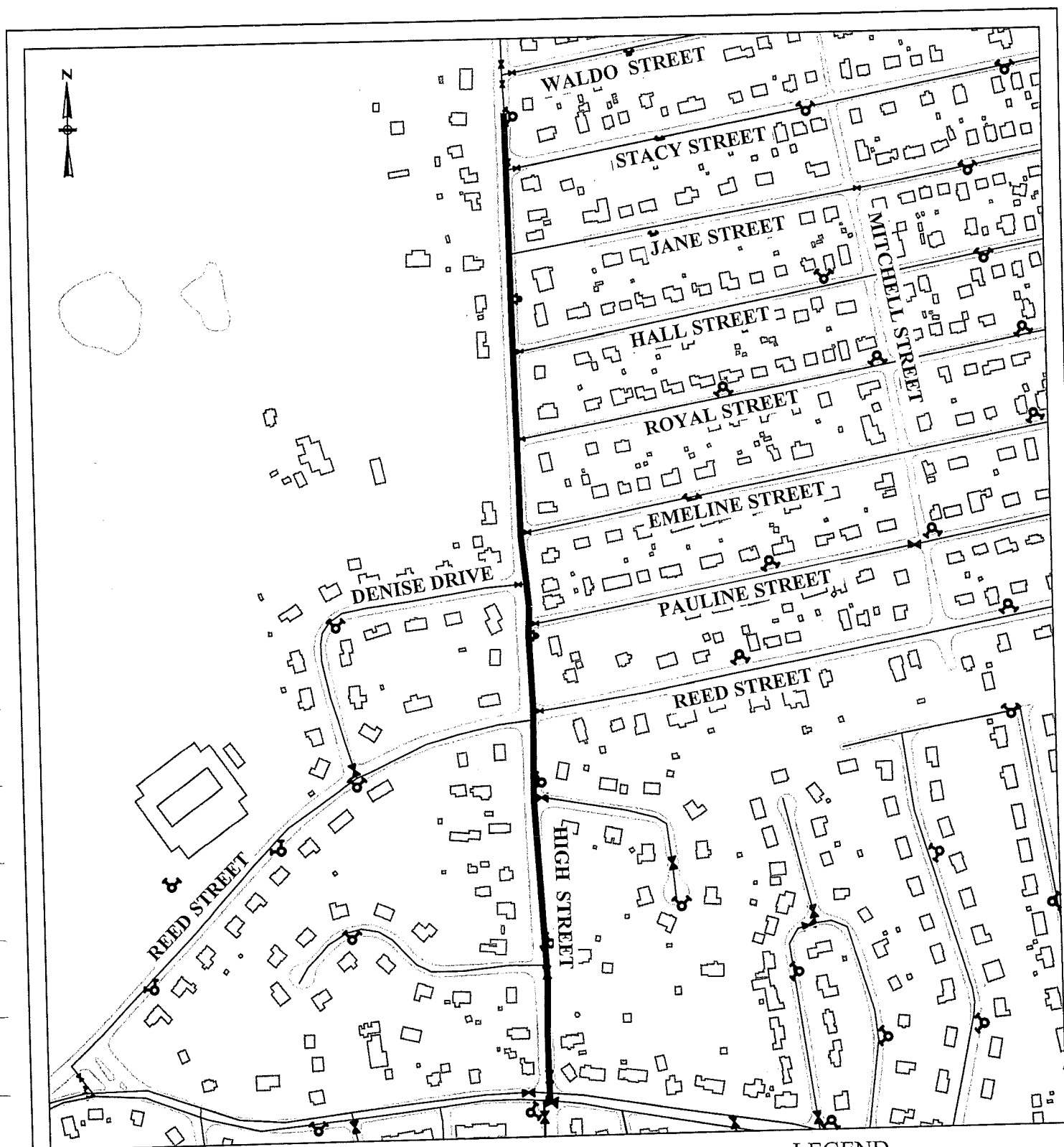
**Notes:**

ALL SHEETS NOT TO SCALE



LEGEND:		
	Open Gate Valves	Closed Hydrant
	Closed Gate Valves	Flushing Hydrant
		Flow Direction

Notes:  
ALL SHEETS NOT TO SCALE



Location:

6" Water main on High Street from Canton Street to Waldo Street.

Notes:

See next page for valve and hydrant locations  
All sheets not to scale

LEGEND

— Flushing location  
CANTON STREET

Hydrants to Flush:

Hydrant on High Street at between Stacy Street and Waldo Street.

Valves to Close:

6-inch valve at intersection of Denise Street and High Street.

6-inch valve at intersection of Pauline Street and High Street.

6-inch valve at intersection of Reed Street and High Street.

8-inch valve between Reed Street and Canton Street.

6-inch valve at intersection of Royal Street and High Street.

6-inch valve at intersection of Emeline Street and High Street.

6-inch valve at intersection of Hall Street and High Street.

6-inch valve at intersection of Mitchell Street and Jane Street.

6-inch valve at intersection of Stacy Street and High Street.

8-inch valve on High Street at intersection of Waldo Street and High Street.

Notes:

See next 3 pages for a visual of valve and hydrant locations.

Flushing Time:

3 minutes minimum to completely displace the total amount of water in the main.

Continue flushing until the water is clear.

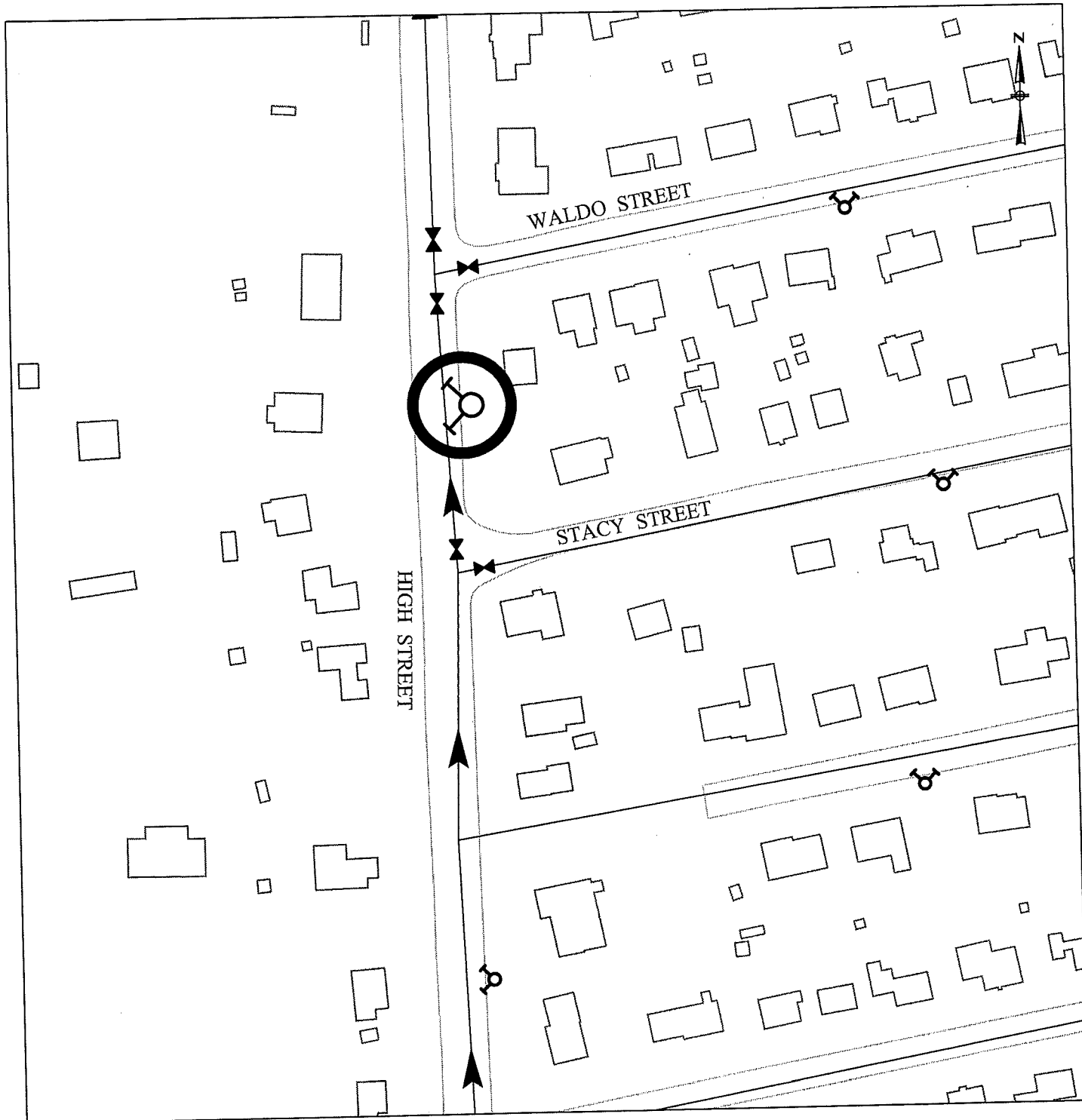
Operator: \_\_\_\_\_

Flushing Date: \_\_\_\_\_ Start Time: \_\_\_\_\_ End Time: \_\_\_\_\_

Observations: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



**LEGEND:**

⊗ Open Gate Valves

⊗ Closed Hydrant

◀ Flow Direction

⊙ Closed Gate Valves

⊙ Flushing Hydrant

**Notes:**

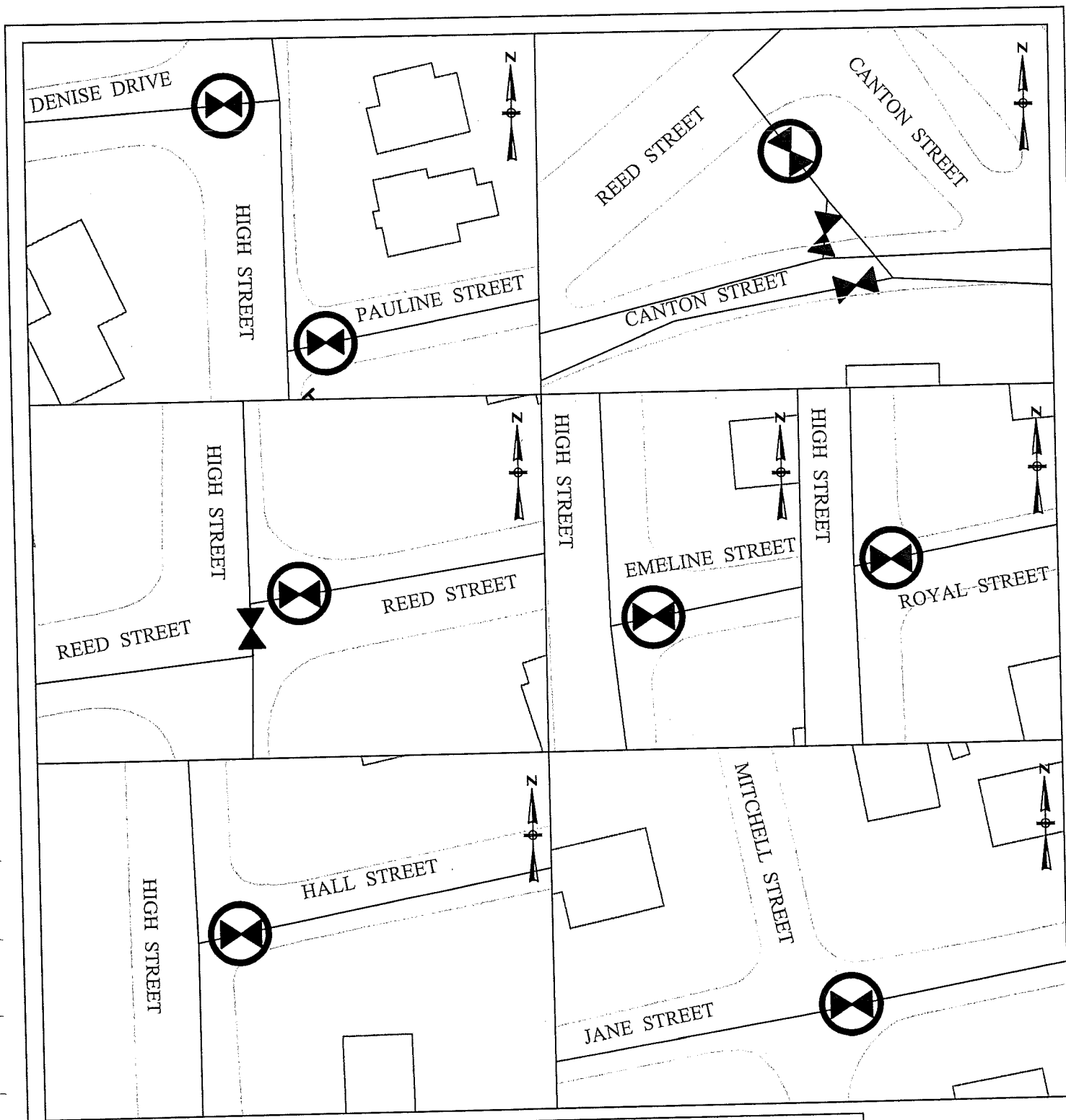
ALL SHEETS NOT TO SCALE

**BETA Group, Inc.**  
Engineers • Scientists • Planners

Year -2  
Step - 10

**TOWN OF RANDOLPH, MA**  
**Unidirectional Flushing Program**





**LEGEND:**

◀▶ Open Gate Valves

⊗ Closed Hydrant

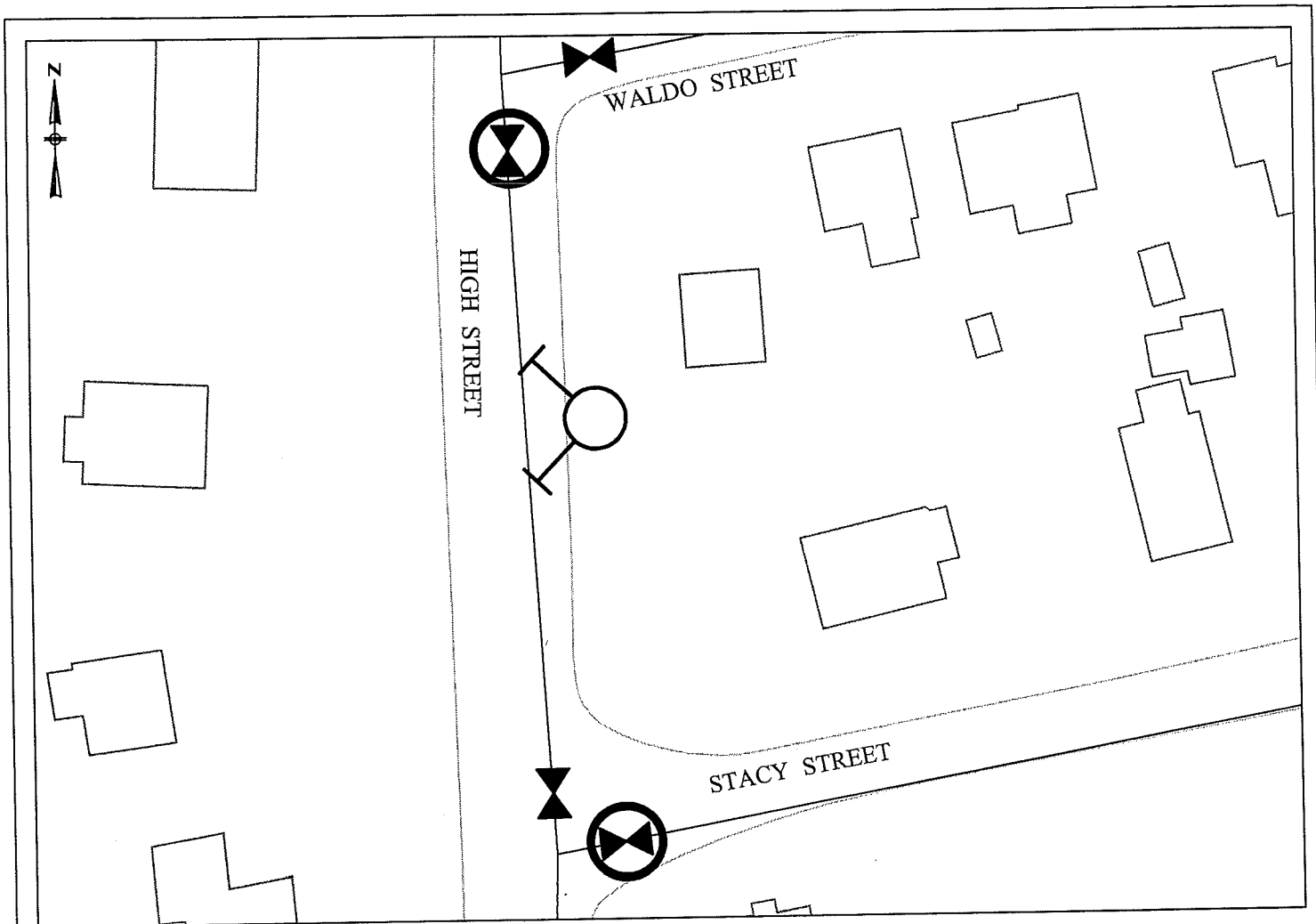
◀ Flow Direction

⊗ Closed Gate Valves

⊙ Flushing Hydrant

**Notes:**

ALL SHEETS NOT TO SCALE



**LEGEND:**

- |                    |                  |                |
|--------------------|------------------|----------------|
| Open Gate Valves   | Closed Hydrant   | Flow Direction |
| Closed Gate Valves | Flushing Hydrant |                |

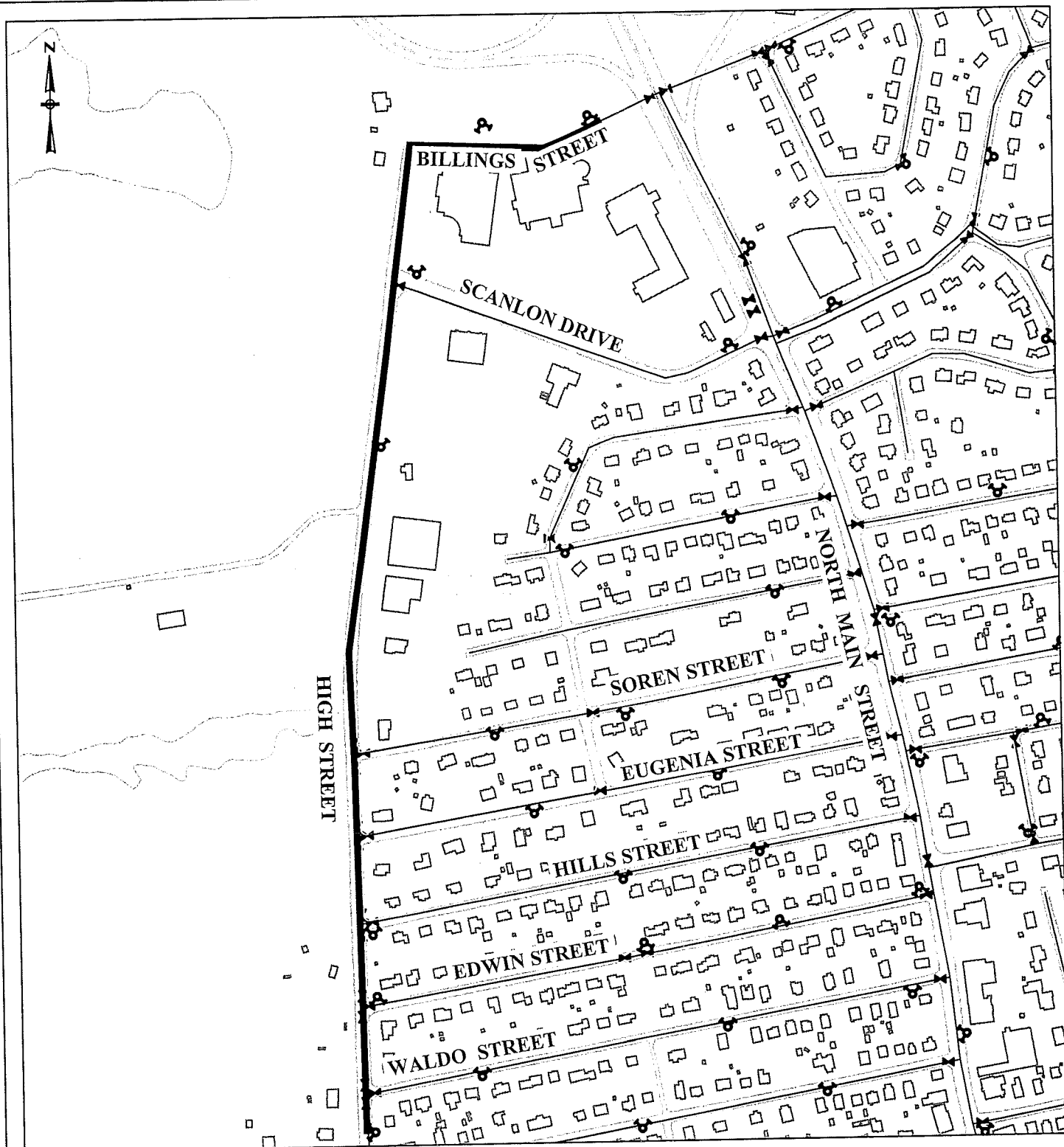
**Notes:**

ALL SHEETS NOT TO SCALE

**BETA Group, Inc.**  
Engineers • Scientists • Planners

Year -2  
Step - 10

**TOWN OF RANDOLPH, MA**  
**Unidirectional Flushing Program**



Location:

8" Water main on High Street from Waldo Street to North Main Street.

LEGEND

— Flushing location

Notes:

See next page for valve and hydrant locations  
All sheets not to scale

Hydrants to Flush:

Hydrant on Billings Street easement near ramp RT-93 NB to RT-28 SB.

Valves to Close:

6-inch valve at intersection of Waldo Street and High Street.

6-inch valve at intersection of Edwin Street and High Street.

6-inch valve at intersection of Hills Street and High Street.

6-inch valve at intersection of Eugenia Street and High Street.

6-inch valve at intersection of Soren Street and High Street.

6-inch valve at intersection of Scanlon Street and High Street.

6-inch valve on Main Street near the ramp of RT-93 NB to RT-28 SB.

Notes:

See next 2 pages for a visual of valve and hydrant locations.

Flushing Time:

11 minutes minimum to completely displace the total amount of water in the main.

Continue flushing until the water is clear.

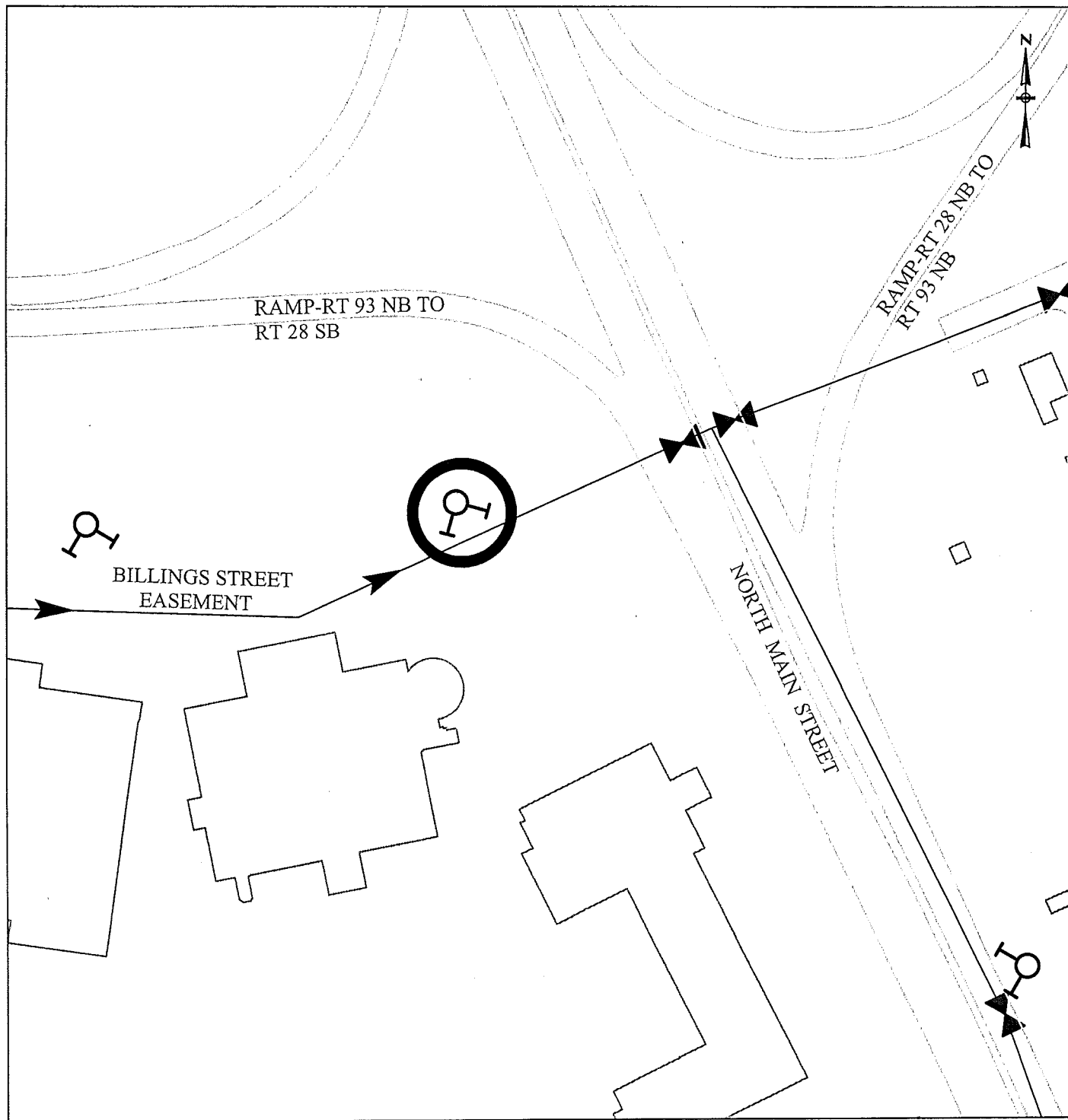
Operator: \_\_\_\_\_

Flushing Date: \_\_\_\_\_ Start Time: \_\_\_\_\_ End Time: \_\_\_\_\_

Observations: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

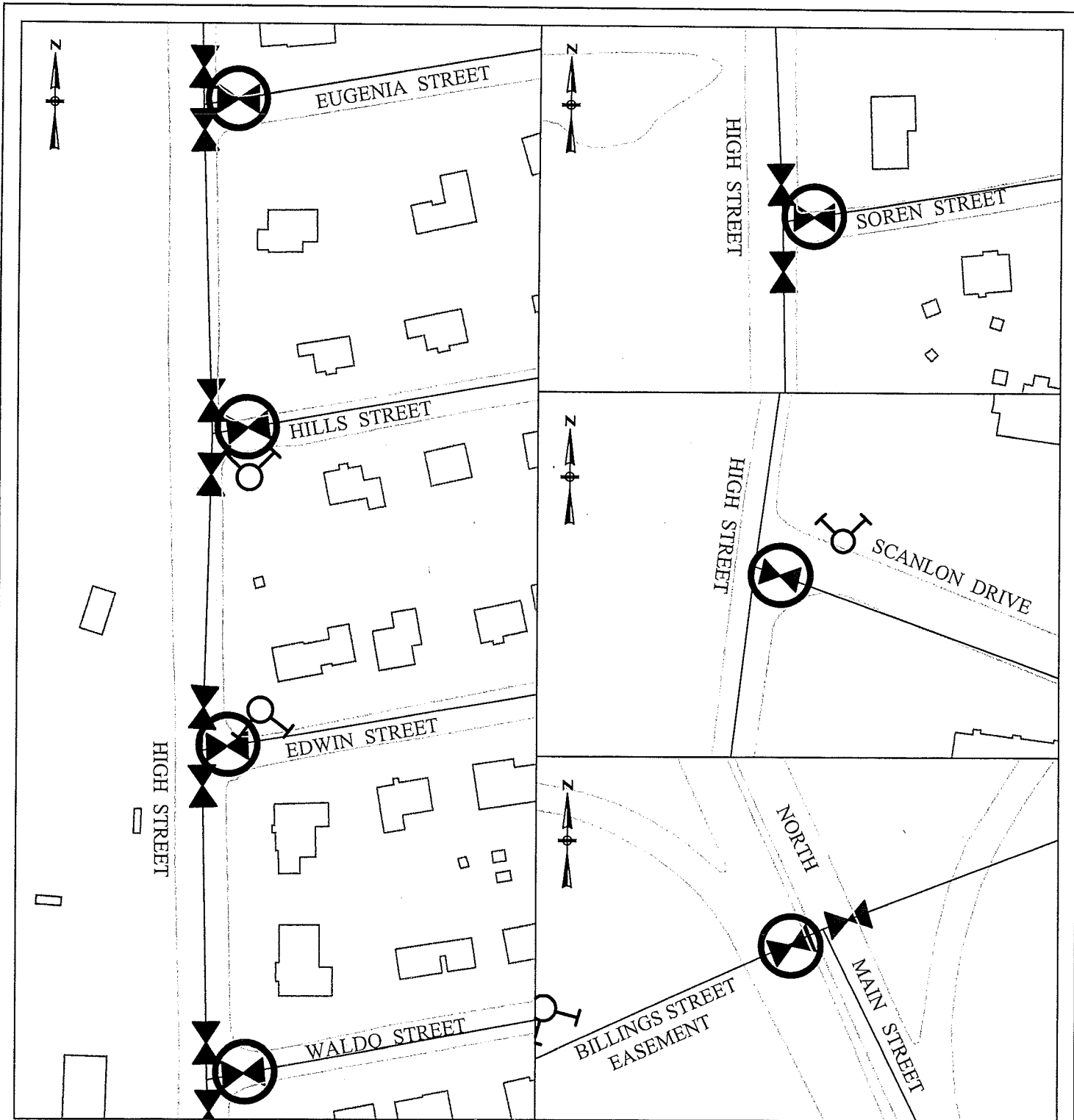


**LEGEND:**

- |                      |                    |                  |
|----------------------|--------------------|------------------|
| ◄ Open Gate Valves   | ⊗ Closed Hydrant   | ◄ Flow Direction |
| ⊗ Closed Gate Valves | ⊗ Flushing Hydrant |                  |

**Notes:**

ALL SHEETS NOT TO SCALE



**LEGEND:**

◀ Open Gate Valves

⊗ Closed Hydrant

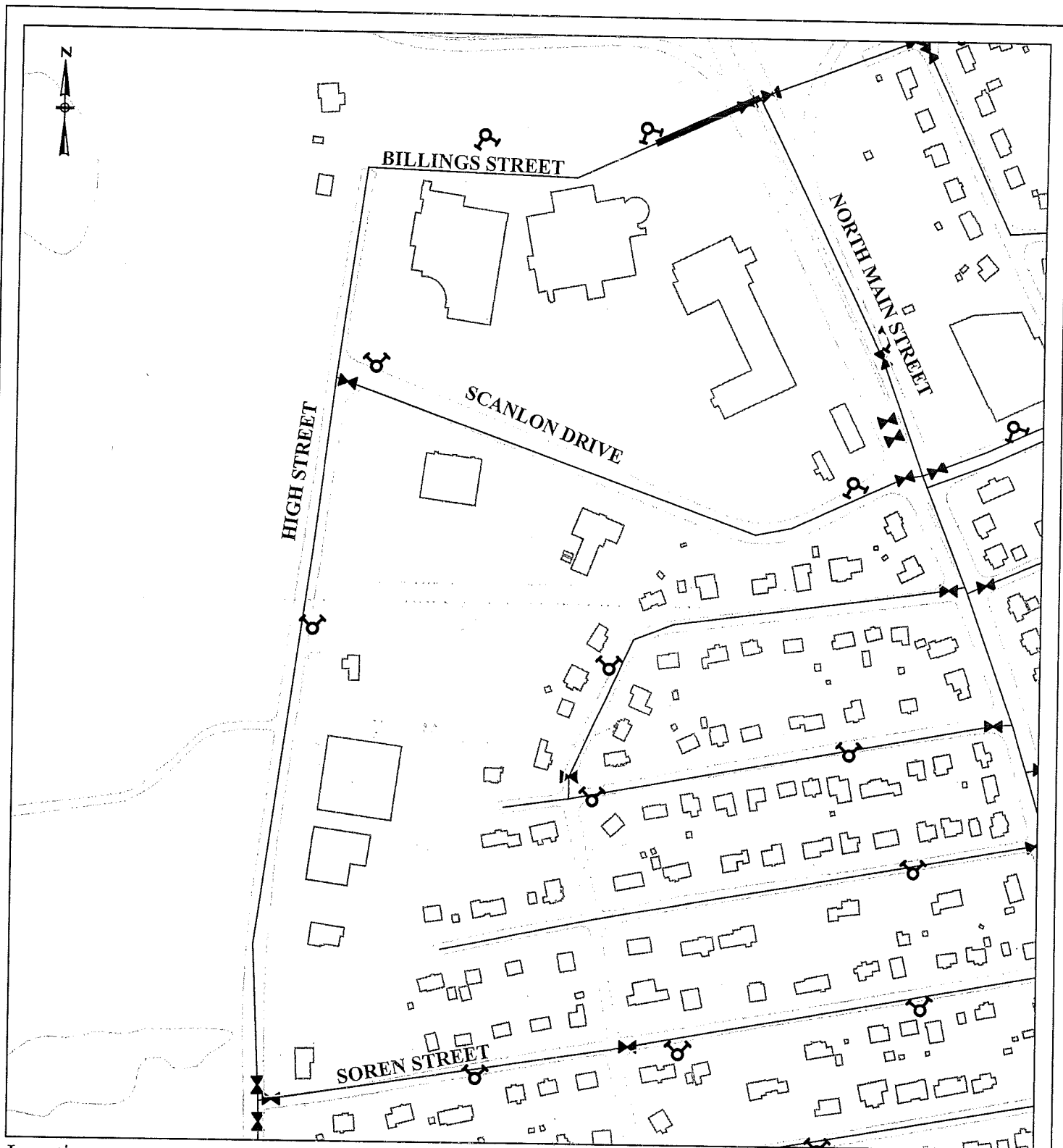
▶ Flow Direction

⊗ Closed Gate Valves

⊕ Flushing Hydrant

**Notes:**

ALL SHEETS NOT TO SCALE



Location:

6" Water main on Billings Street Easement.

LEGEND

— Flushing location

Notes:

See next page for valve and hydrant locations

All sheets not to scale

Hydrants to Flush:

Hydrant on Billings Street easement near ramp RT-93 NB to RT-28 SB.

Valves to Close:

8-inch valve on High Street at intersection of High Street and Soren Street.

6-inch valve on Scanlon Drive at intersection of Scanlon Drive and High Street.

Notes:

See next 2 pages for a visual of valve and hydrant locations.

Flushing Time:

11 minutes minimum to completely displace the total amount of water in the main.

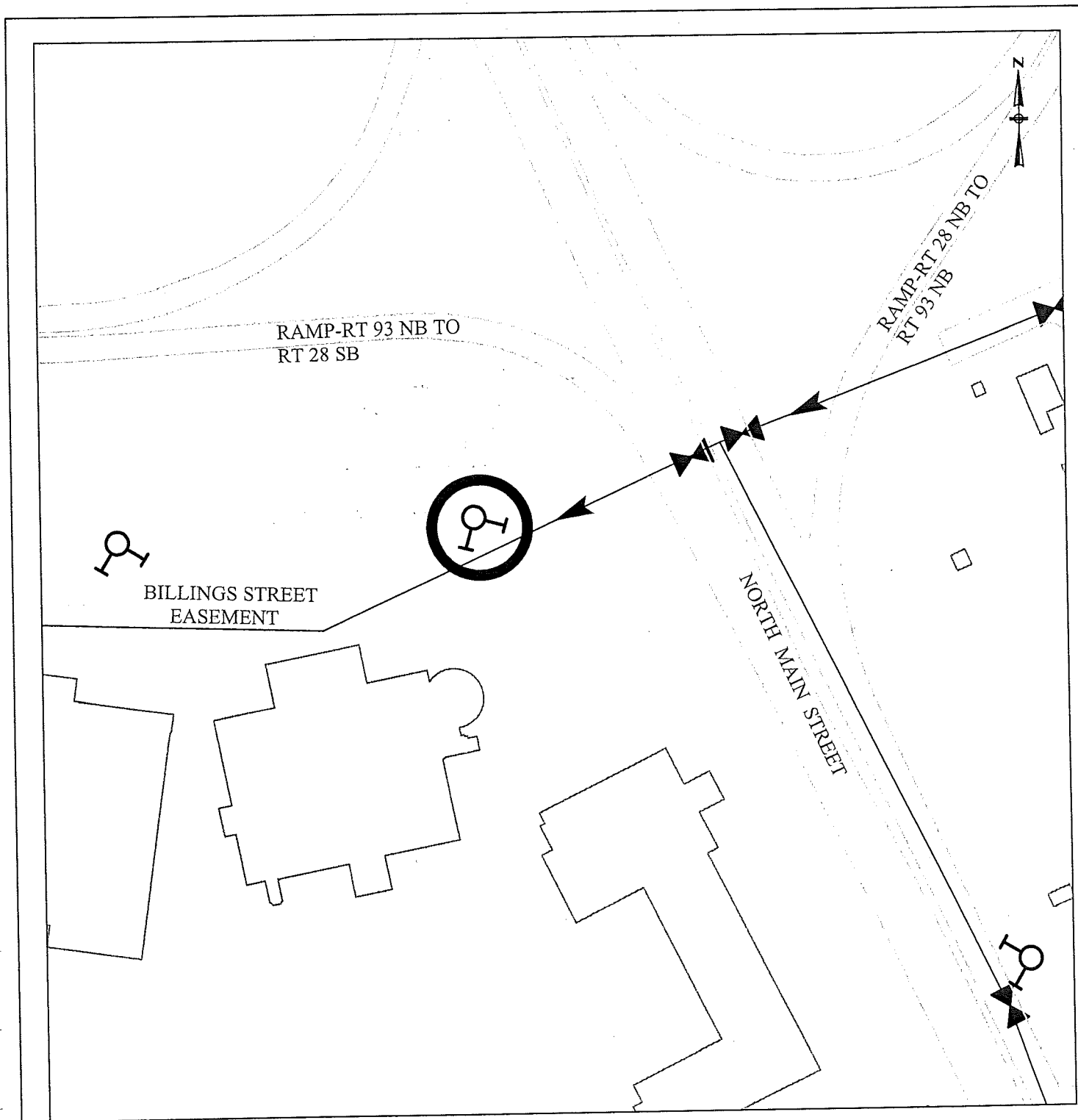
Continue flushing until the water is clear.

Operator: \_\_\_\_\_

Flushing Date: \_\_\_\_\_ Start Time: \_\_\_\_\_ End Time: \_\_\_\_\_

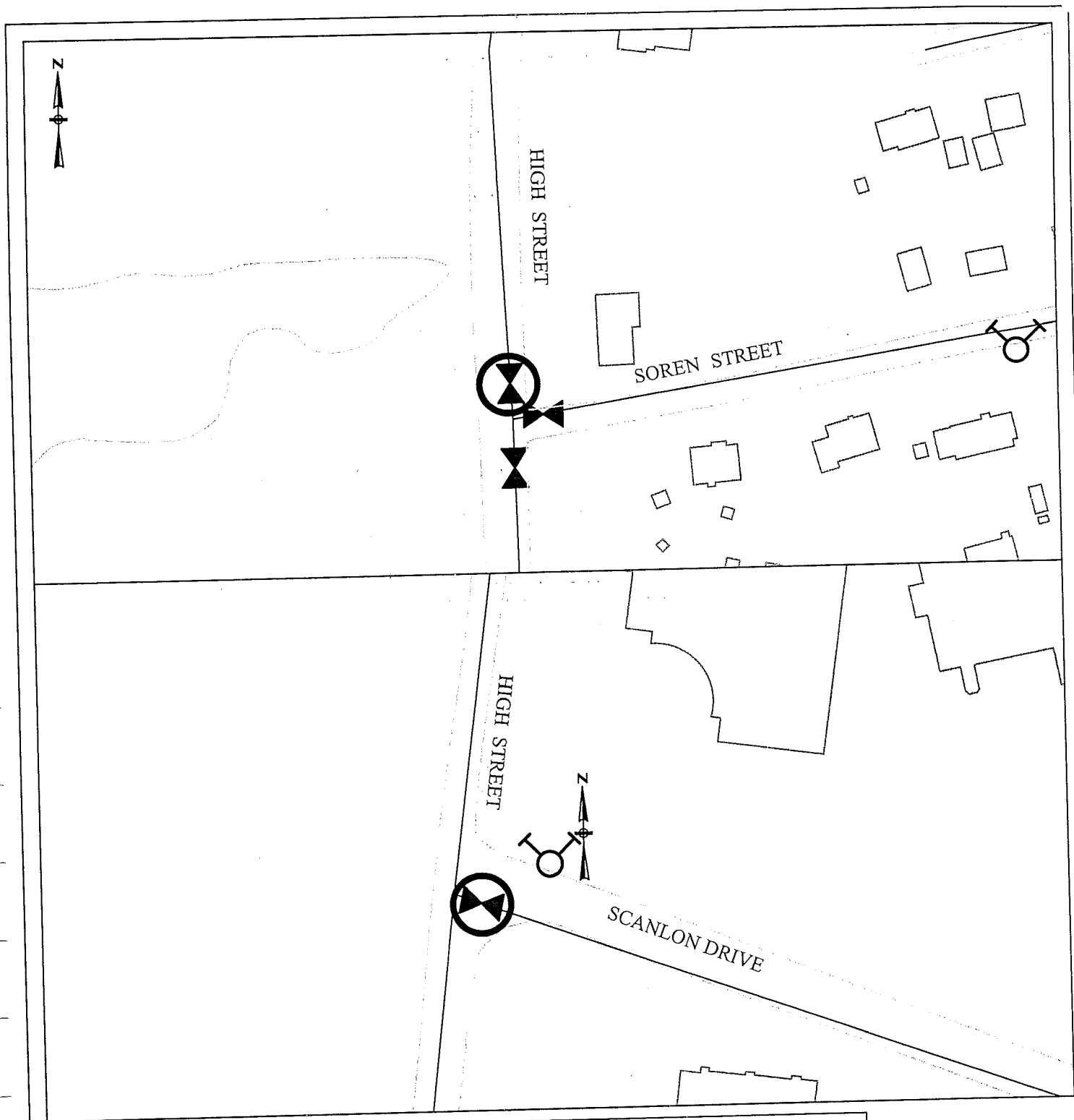
Observations: \_\_\_\_\_





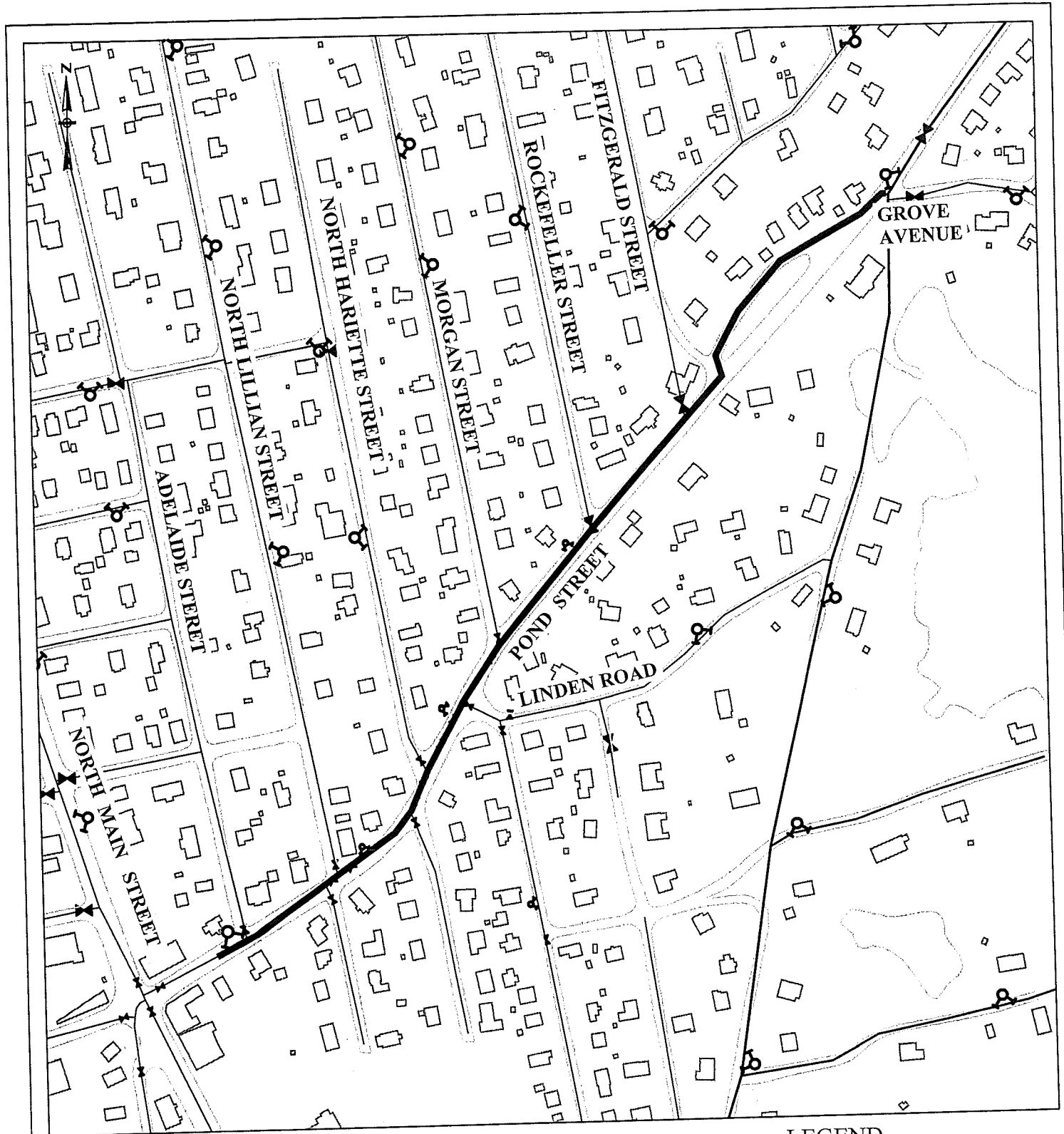
LEGEND:		
Open Gate Valves	Closed Hydrant	Flow Direction
Closed Gate Valves	Flushing Hydrant	

Notes:  
ALL SHEETS NOT TO SCALE



Open Gate Valves	Closed Hydrant	Flow Direction
Closed Gate Valves	Flushing Hydrant	

Notes:  
ALL SHEETS NOT TO SCALE



Location:

8" Water main on Pond Street from Grove Avenue to North Main Street.

Notes:

See next page for valve and hydrant locations  
All sheets not to scale

LEGEND

**—** Flushing location

**BETA Group, Inc.**  
Engineers • Scientists • Planners

Year -2  
Step - 12

**TOWN OF RANDOLPH, MA**  
**Unidirectional Flushing Program**

Hydrants to Flush:

Hydrant on Pond Street between North Main Street and Pond Street.

Valves to Close:

6-inch valve at intersection of Fitzgerald Street and Pond Street.

8-inch valve at intersection of Rockerfeller Street and Pond Street.

6-inch valve at intersection of Morgan Street and Pond Street.

6-inch valve at intersection of Linden Road and Pond Street.

8-inch valve at intersection of Lillian Street and Pond Street.

8-inch valve at intersection of Adelaide Street and Pond Street.

8-inch valve on Pond Street at intersection of Pond Street and North Main Street.

Notes:

See next 2 pages for a visual of valve and hydrant locations.

Flushing Time:

4 minutes minimum to completely displace the total amount of water in the main.

Continue flushing until the water is clear.

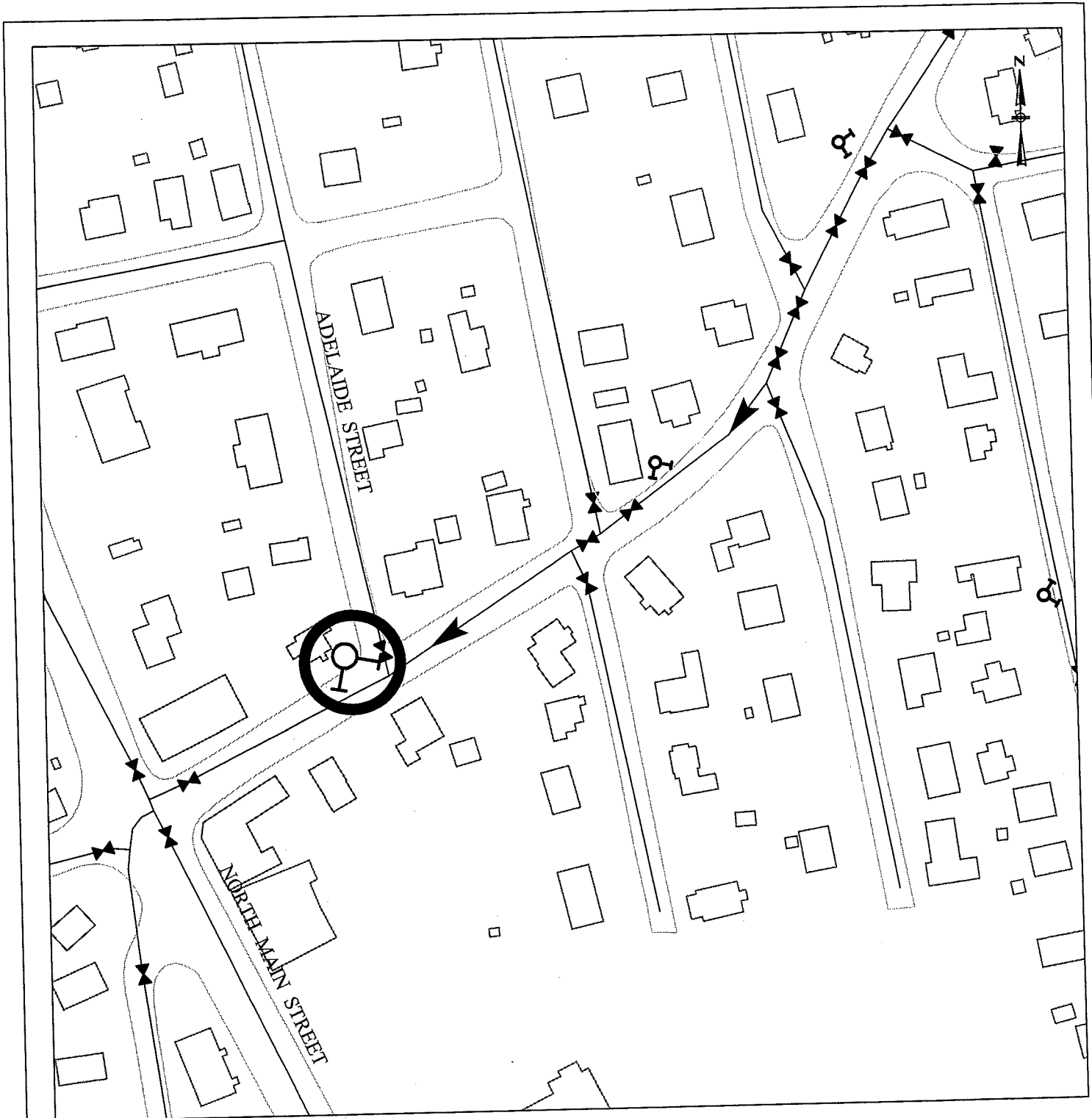
Operator: \_\_\_\_\_

Flushing Date: \_\_\_\_\_ Start Time: \_\_\_\_\_ End Time: \_\_\_\_\_

Observations: \_\_\_\_\_

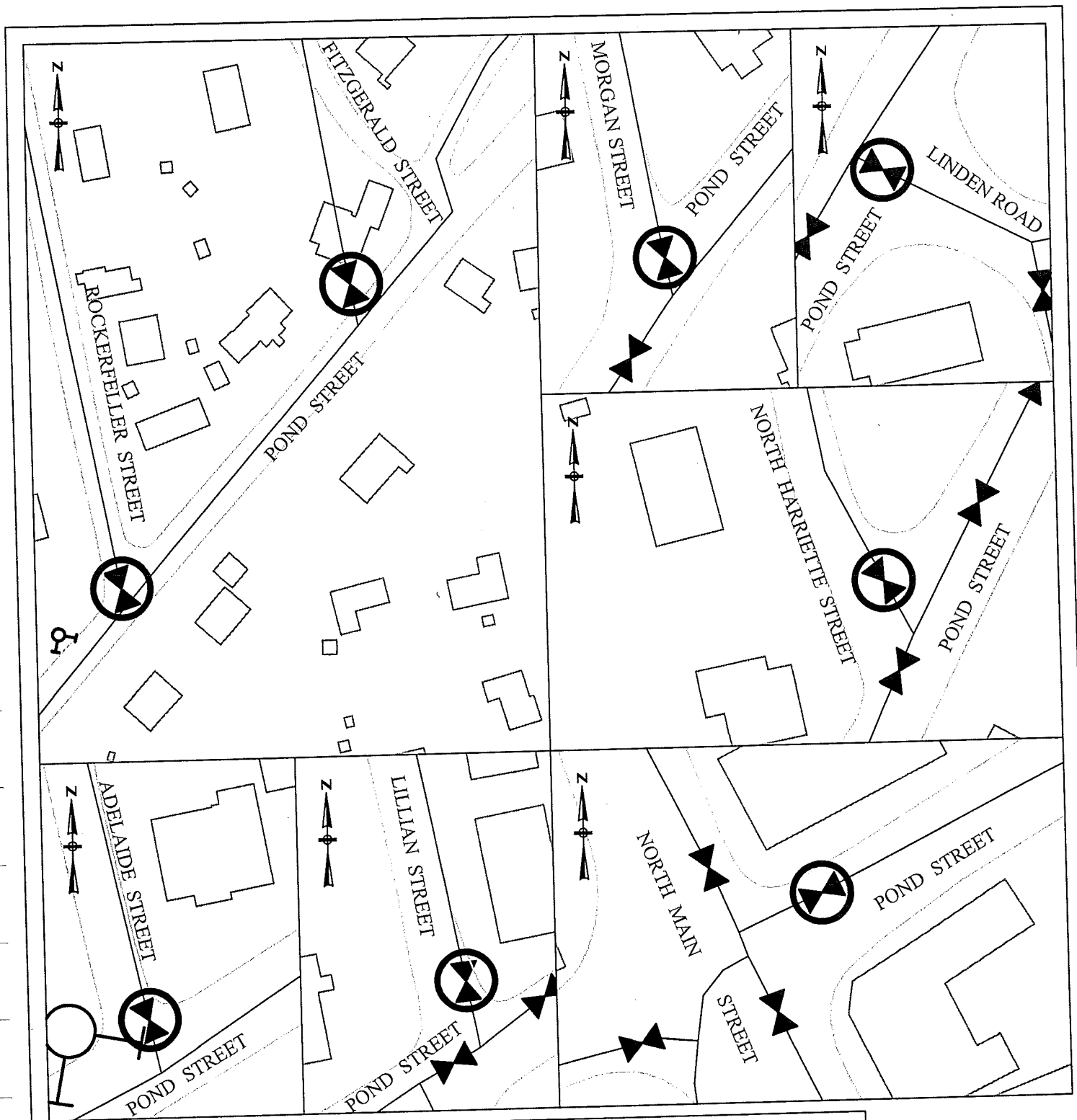
\_\_\_\_\_

\_\_\_\_\_



<b>LEGEND:</b>		
Open Gate Valves	Closed Hydrant	Flow Direction
Closed Gate Valves	Flushing Hydrant	

Notes:  
ALL SHEETS NOT TO SCALE



**LEGEND:**

◄ ► Open Gate Valves

⊗ Closed Hydrant

◄ Flow Direction

⊗ Closed Gate Valves

⊗ Flushing Hydrant

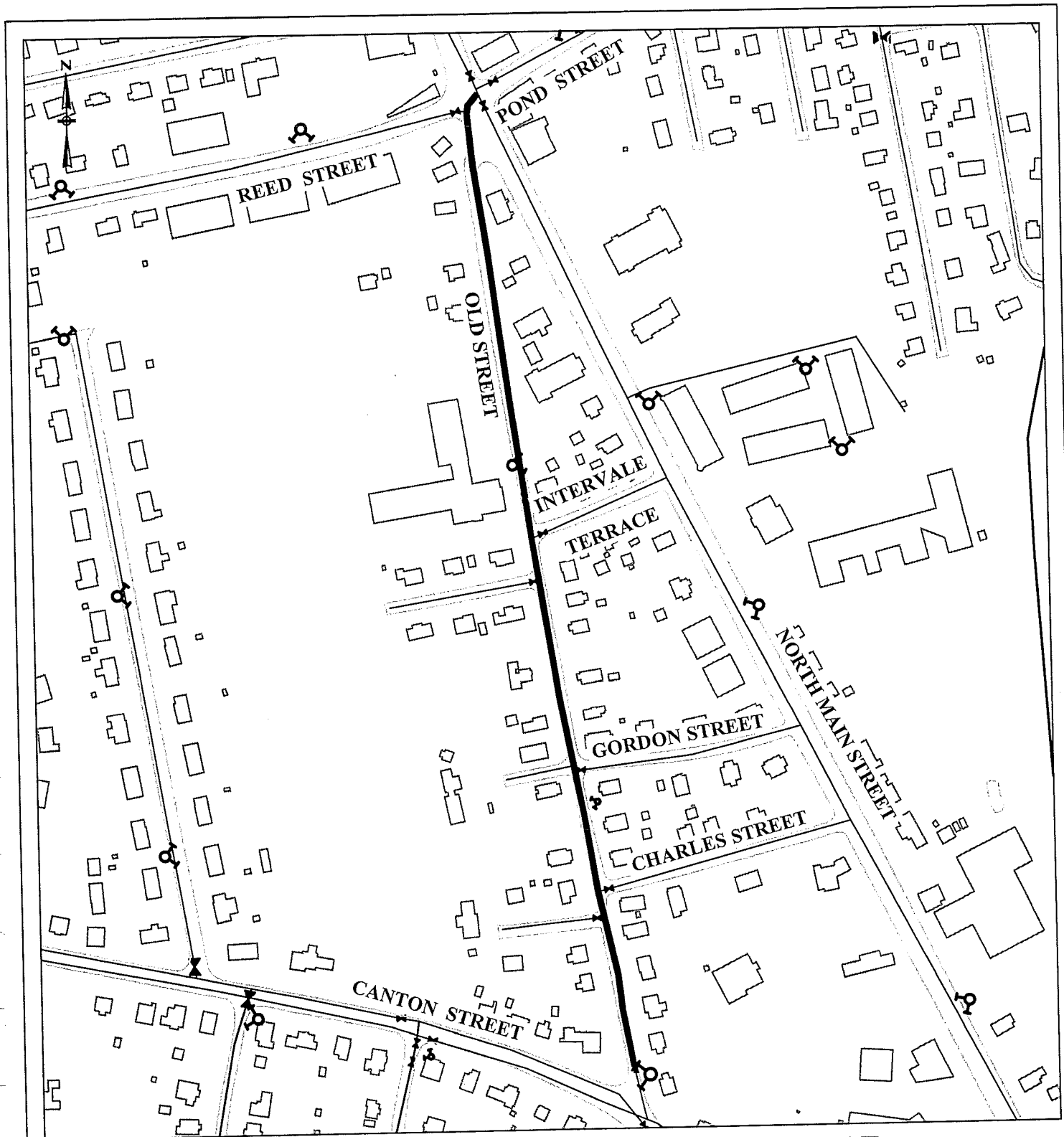
**Notes:**

ALL SHEETS NOT TO SCALE

**BETA Group, Inc.**  
Engineers • Scientists • Planners

Year -2  
Step - 12

**TOWN OF RANDOLPH, MA**  
**Unidirectional Flushing Program**



Location:

6" Water main on Old Street from Reed Street to Canton Street.

LEGEND

**—** Flushing location

Notes:

See next page for valve and hydrant locations  
All sheets not to scale

Hydrants to Flush:

Hydrant on Old Street between near intersection of Old Street and Canton Street.

Valves to Close:

6-inch valve at intersection of Reed Street and Old Street.

4-inch valve at intersection of Intervale Terrace and Old Street.

4-inch valve at intersection of Gordon Street and Old Street.

4-inch valve at intersection of Linde Forest Street and Old Street.

10-inch valve on Canton Street at intersection of Marion Street and Canton Street.

10-inch valve on Canton Street at intersection of Canton Street and North Main Street.

Notes:

See next 2 pages for a visual of valve and hydrant locations.

Flushing Time:

3 minutes minimum to completely displace the total amount of water in the main.

Continue flushing until the water is clear.

Operator: \_\_\_\_\_

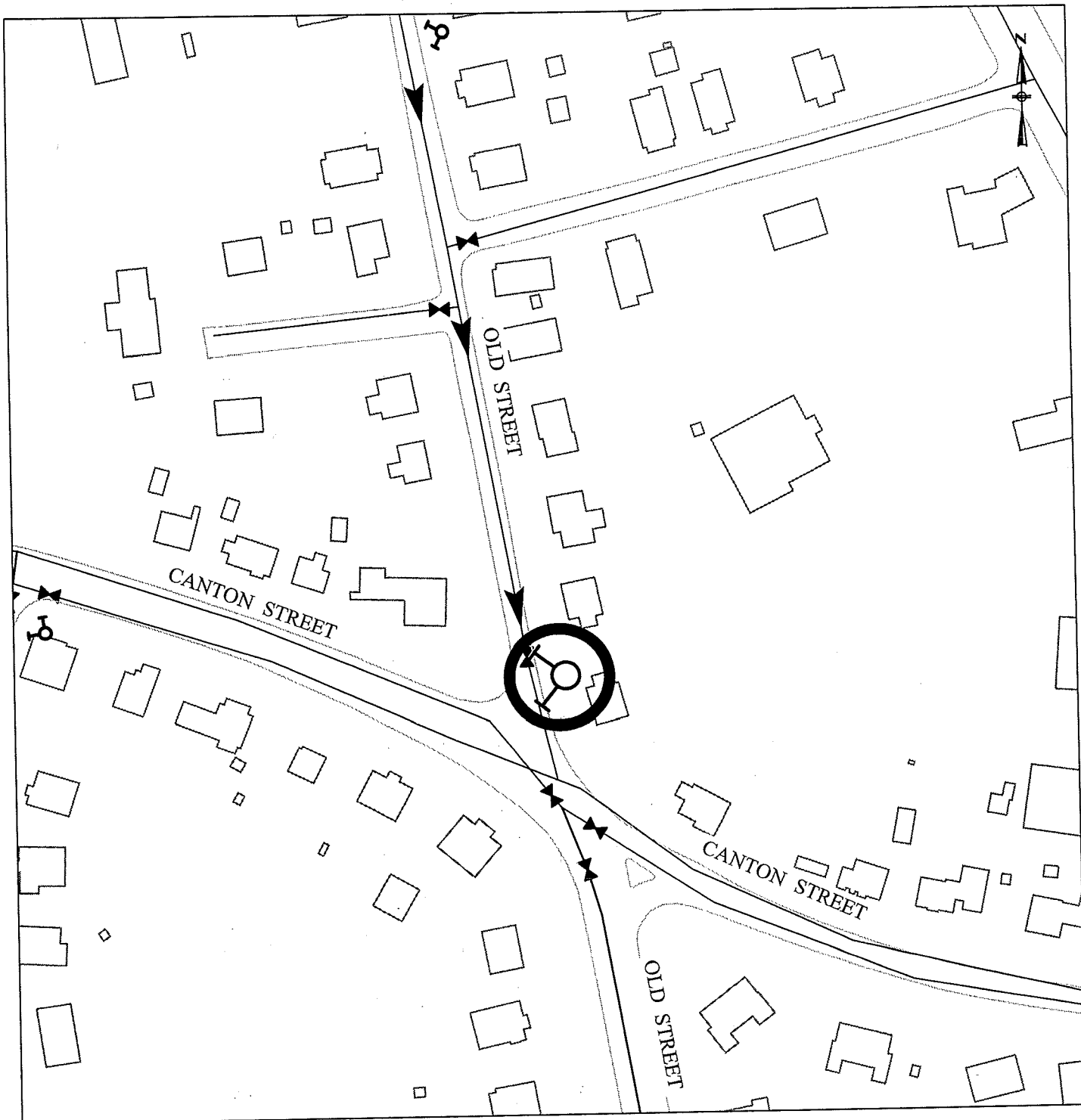
Flushing Date: \_\_\_\_\_ Start Time: \_\_\_\_\_ End Time: \_\_\_\_\_

Observations: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_





LEGEND:

✕ Open Gate Valves

⊗ Closed Hydrant

◀ Flow Direction

⊗ Closed Gate Valves

⊕ Flushing Hydrant

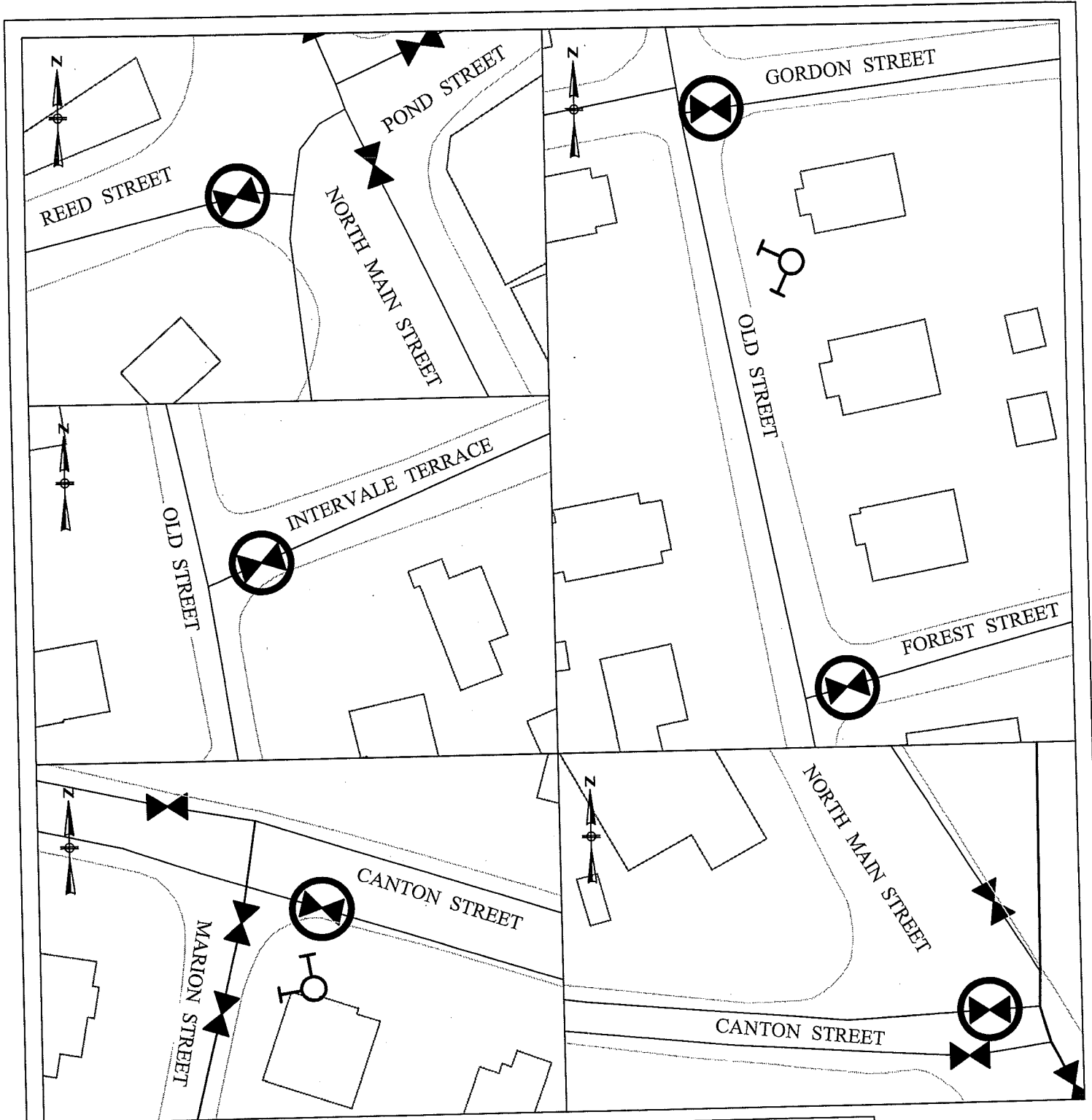
Notes:

ALL SHEETS NOT TO SCALE

**BETA Group, Inc.**  
Engineers • Scientists • Planners

Year -2  
Step - 13

**TOWN OF RANDOLPH, MA**  
**Unidirectional Flushing Program**



**LEGEND:**

◀ Open Gate Valves

⊕ Closed Hydrant

◀ Flow Direction

⊗ Closed Gate Valves

⊕ Flushing Hydrant

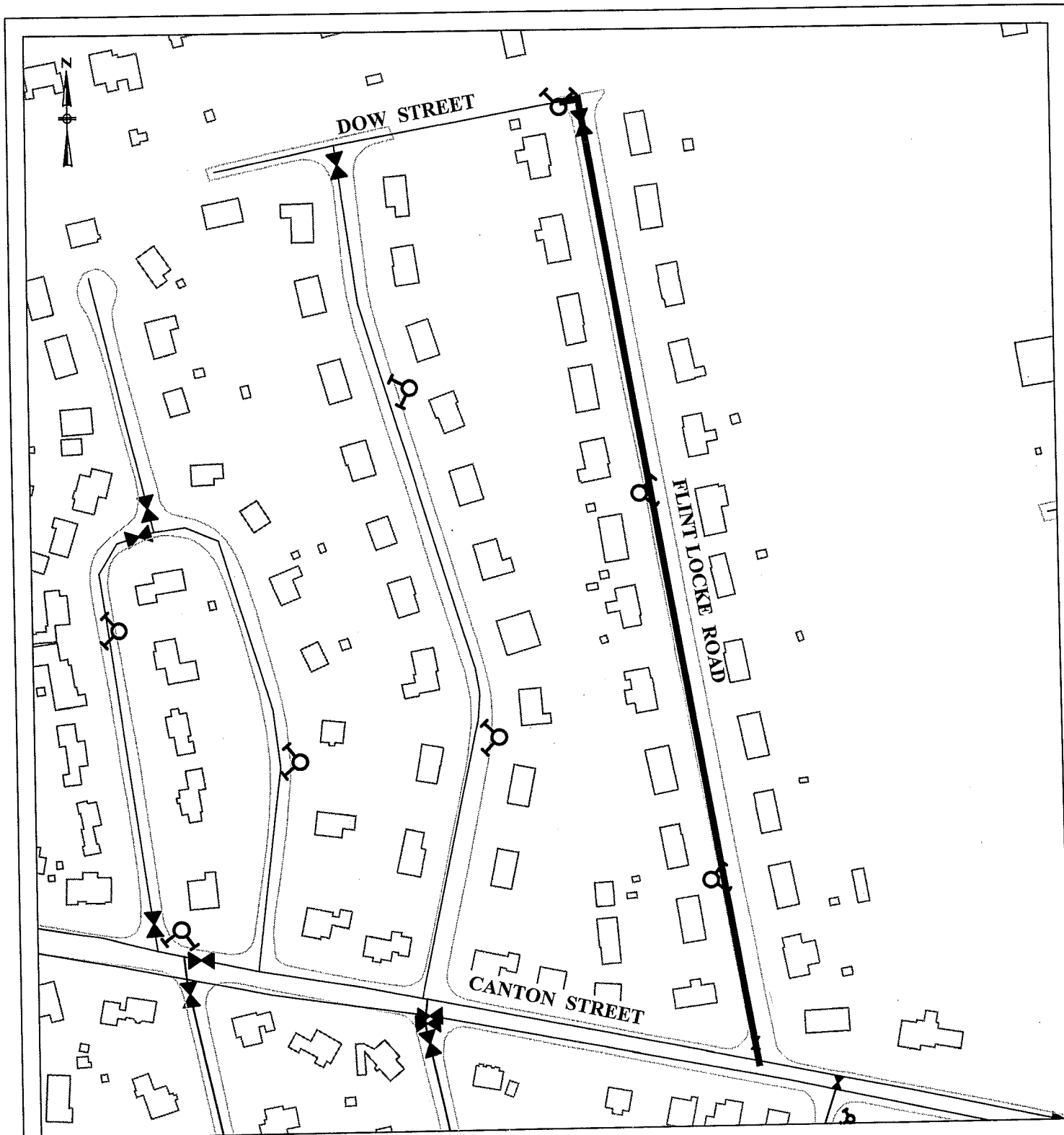
**Notes:**

ALL SHEETS NOT TO SCALE

**BETA Group, Inc.**  
Engineers • Scientists • Planners

Year -2  
Step - 13

**TOWN OF RANDOLPH, MA**  
**Unidirectional Flushing Program**



Location:

6" Water main on Flint Locke Road from Canton Street to Dow Street.

LEGEND

— Flushing location

Notes:

See next page for valve and hydrant locations  
All sheets not to scale

**BETA Group, Inc.**  
Engineers • Scientists • Planners

Year -2  
Step - 14

**TOWN OF RANDOLPH, MA**  
**Unidirectional Flushing Program**

Hydrants to Flush:

Hydrant at intersection of Dow Street and Flint Locke Road.

Valves to Close:

6-inch valve at intersection of Overlook Road and Canton Street.

6-inch valve at intersection of Dow Street and Flint Locke Road.

Notes:

See next 2 pages for a visual of valve and hydrant locations.

Flushing Time:

3 minutes minimum to completely displace the total amount of water in the main.

Continue flushing until the water is clear.

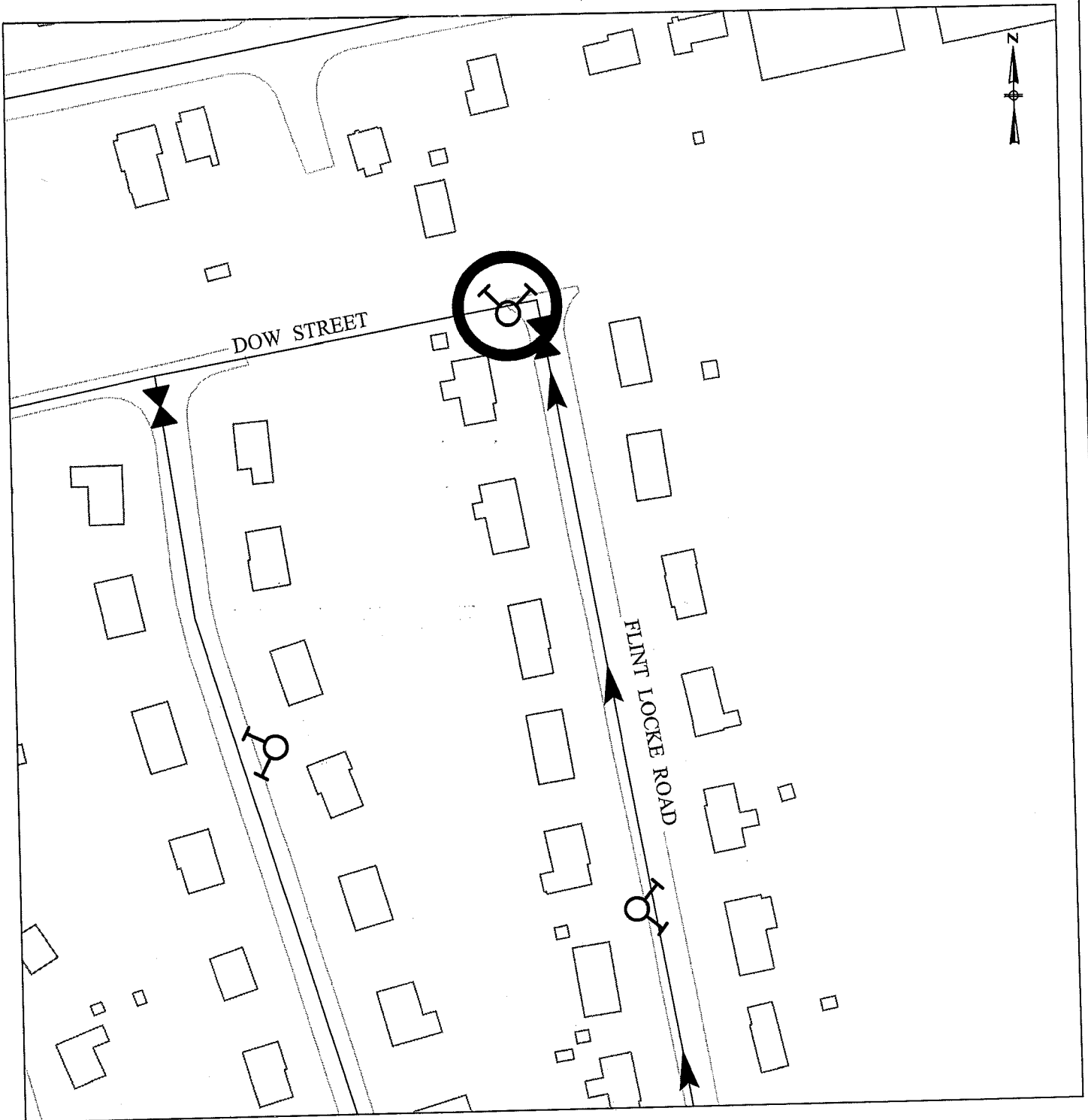
Operator: \_\_\_\_\_

Flushing Date: \_\_\_\_\_ Start Time: \_\_\_\_\_ End Time: \_\_\_\_\_

Observations: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



**LEGEND:**

✕ Open Gate Valves

⊗ Closed Hydrant

◀ Flow Direction

⊗ Closed Gate Valves

⊕ Flushing Hydrant

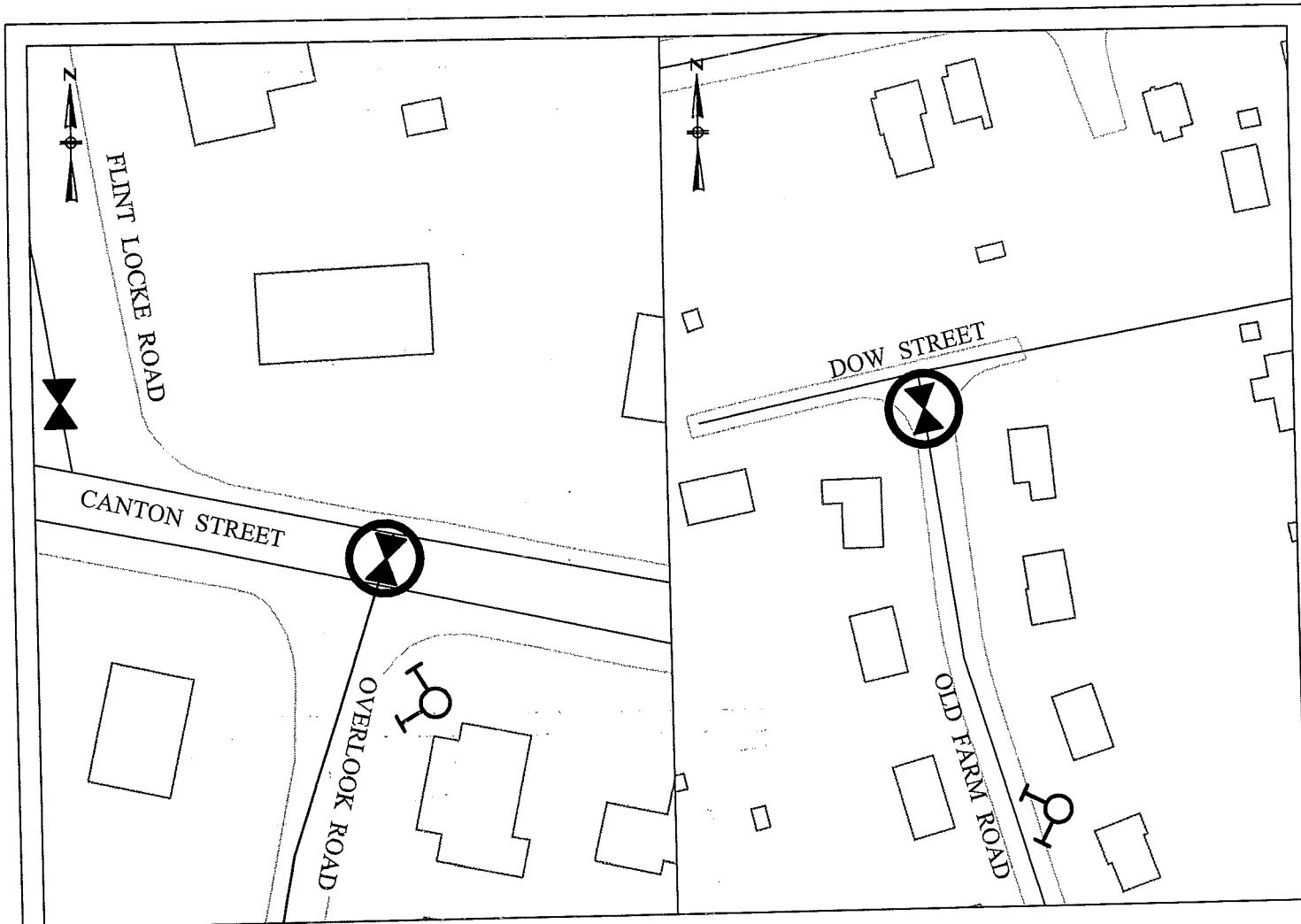
**Notes:**

ALL SHEETS NOT TO SCALE

**BETA Group, Inc.**  
Engineers • Scientists • Planners

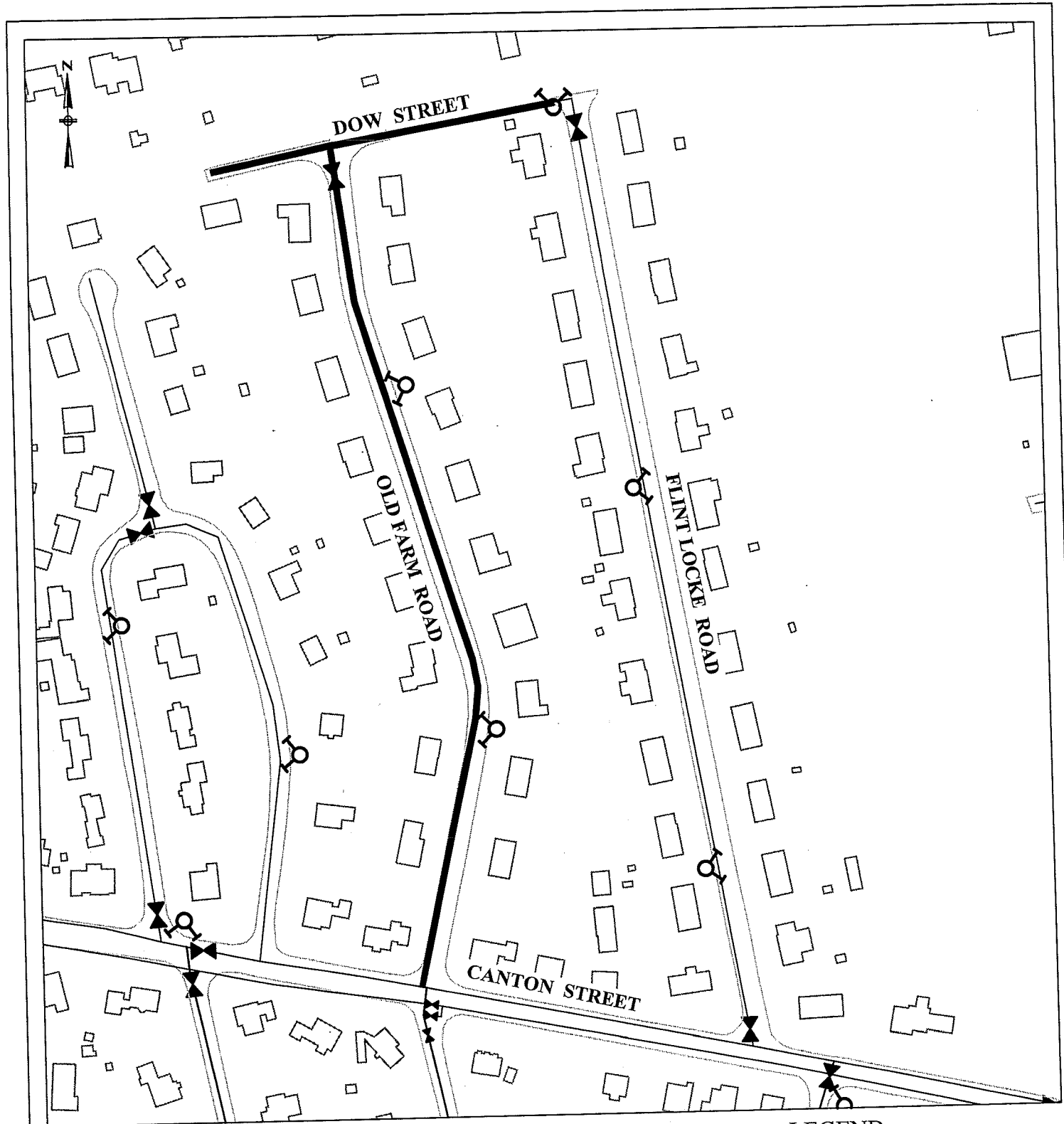
Year -2  
Step - 14

**TOWN OF RANDOLPH, MA**  
**Unidirectional Flushing Program**



LEGEND:		
Open Gate Valves	Closed Hydrant	Flow Direction
Closed Gate Valves	Flushing Hydrant	

Notes:  
ALL SHEETS NOT TO SCALE



**Location:**

6" Water main on Old Farm Road from Canton Street to Flint Locke Road.

**Notes:**

See next page for valve and hydrant locations  
All sheets not to scale

**LEGEND**

— Flushing location

**BETA Group, Inc.**  
Engineers • Scientists • Planners

Year -2  
Step - 15

**TOWN OF RANDOLPH, MA**  
**Unidirectional Flushing Program**

Hydrants to Flush:

Hydrant at intersection of Dow Street and Flint Locke Road.

Valves to Close:

6-inch valve on Canton Street at intersection of Himoor Circle and Canton Street.

6-inch valve on Himoor Street at intersection of Himoor Circle and Canton Street.

6-inch valve at intersection of Dow Street and Flint Locke Road.

Notes:

See next 2 pages for a visual of valve and hydrant locations.

Flushing Time:

9 minutes minimum to completely displace the total amount of water in the main.

Continue flushing until the water is clear.

Operator: \_\_\_\_\_

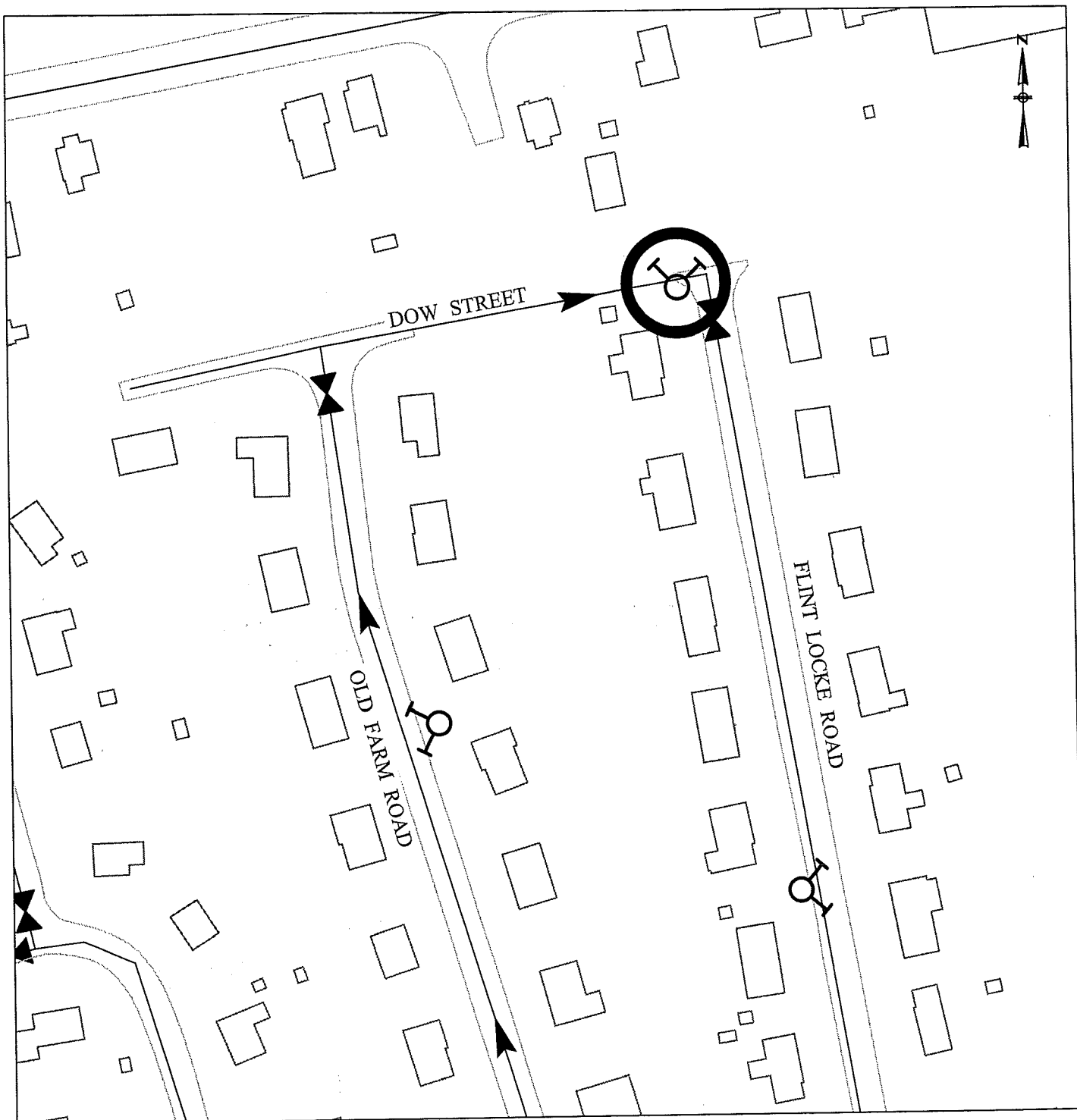
Flushing Date: \_\_\_\_\_ Start Time: \_\_\_\_\_ End Time: \_\_\_\_\_

Observations: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_





**LEGEND:**

- |                      |                    |                  |
|----------------------|--------------------|------------------|
| ◀▶ Open Gate Valves  | ⊗ Closed Hydrant   | ▶ Flow Direction |
| ⊗ Closed Gate Valves | ⊙ Flushing Hydrant |                  |

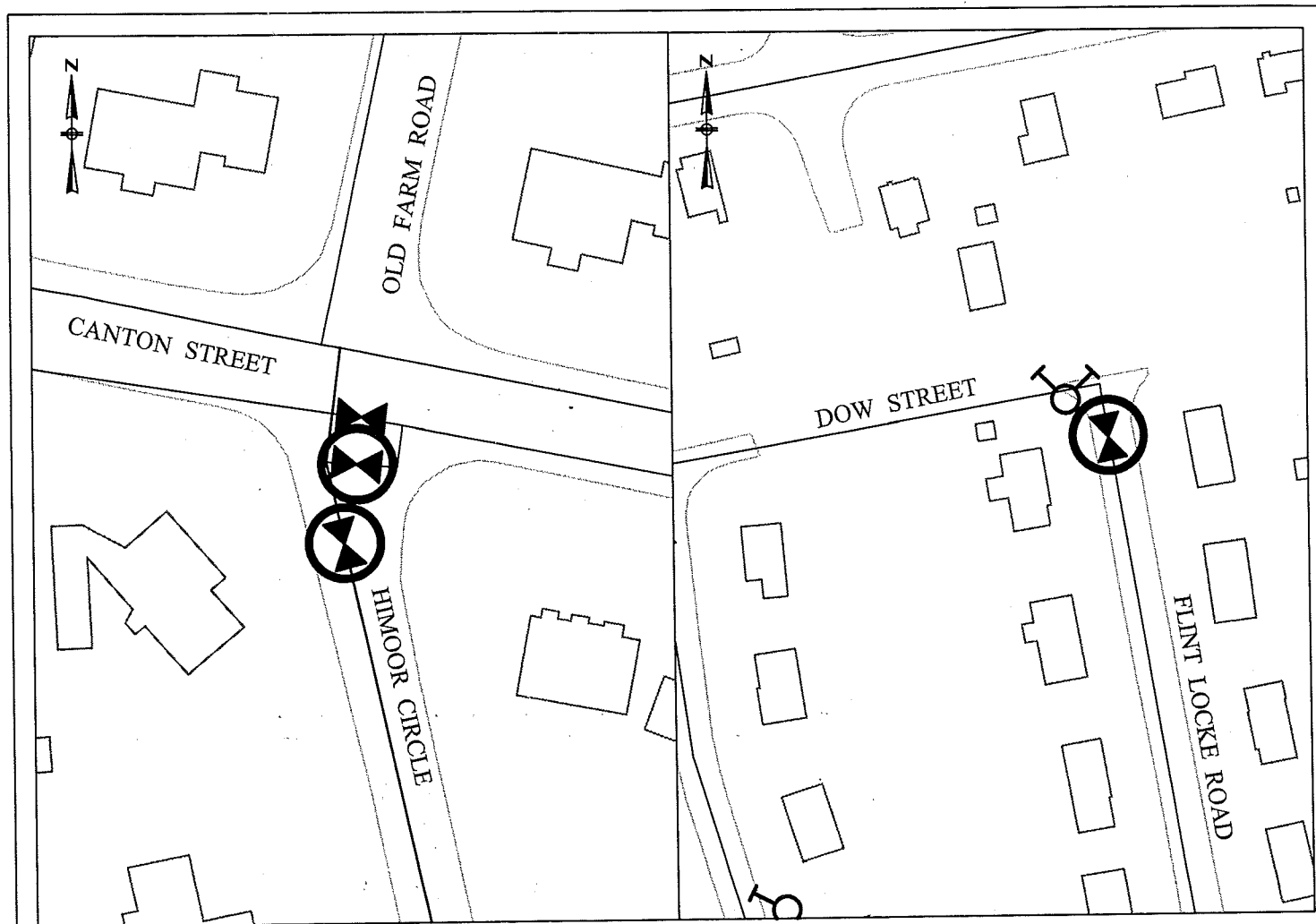
**Notes:**

ALL SHEETS NOT TO SCALE

**BETA Group, Inc.**  
Engineers • Scientists • Planners

Year -2  
Step - 15

**TOWN OF RANDOLPH, MA**  
**Unidirectional Flushing Program**



**LEGEND:**

Open Gate Valves

Closed Hydrant

Flow Direction

Closed Gate Valves

Flushing Hydrant

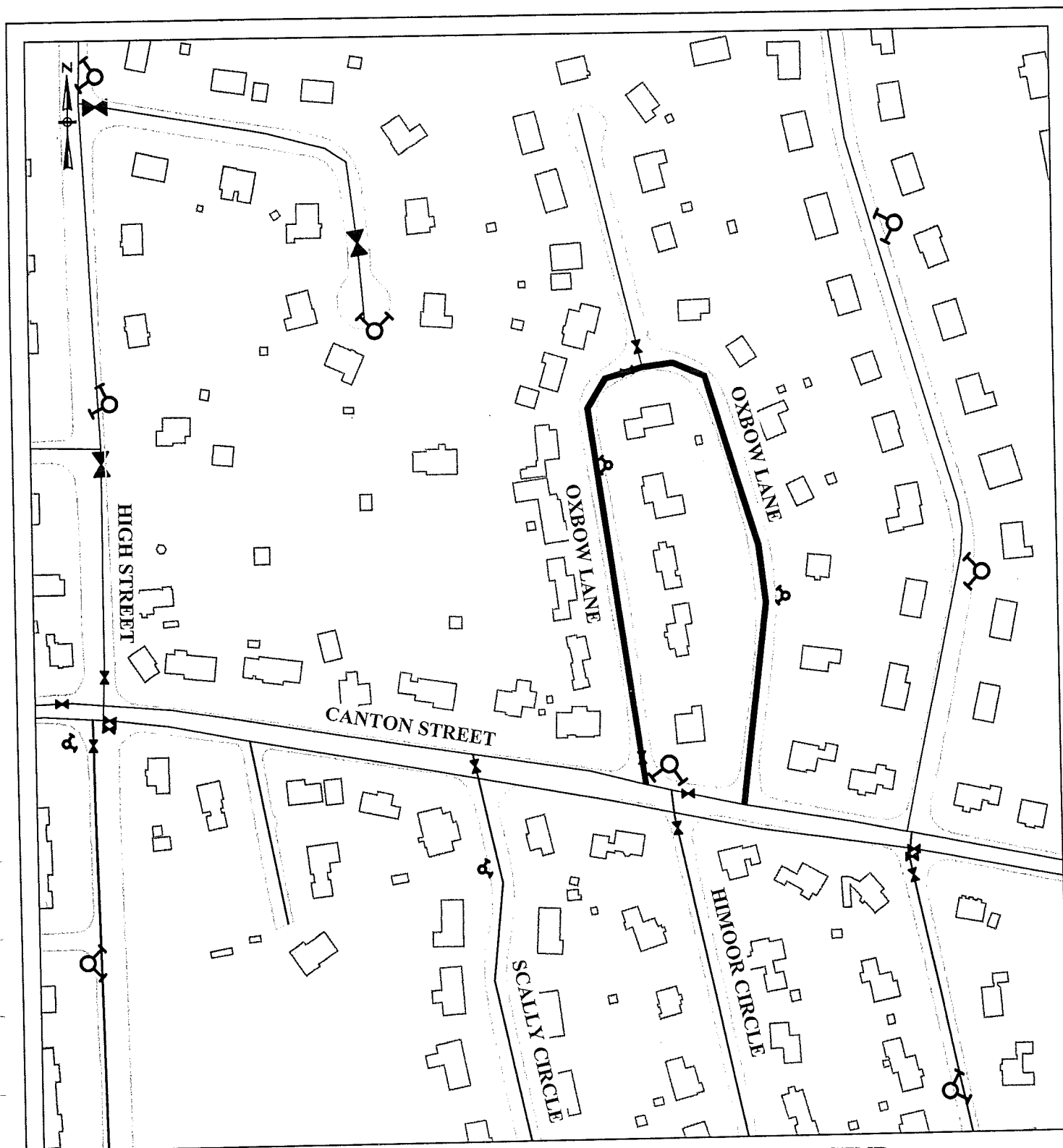
**Notes:**

ALL SHEETS NOT TO SCALE

**BETA Group, Inc.**  
Engineers • Scientists • Planners

Year -2  
Step - 15


**TOWN OF RANDOLPH, MA**  
Unidirectional Flushing Program



Location:

6" Water main on Oxbow Lane.

LEGEND

 Flushing location

Notes:

See next page for valve and hydrant locations  
All sheets not to scale

Hydrants to Flush:

Hydrant at intersection of Ox Bow Lane, Canton Street and Himoor Circle.

Valves to Close:

6-inch valve at intersection of Himoor Circle and Canton Street.

6-inch valve at intersection of Scally Circle and Canton Street.

6-inch valve on Canton Street at intersection of Canton Street and High Street.

Notes:

See next 2 pages for a visual of valve and hydrant locations.

Flushing Time:

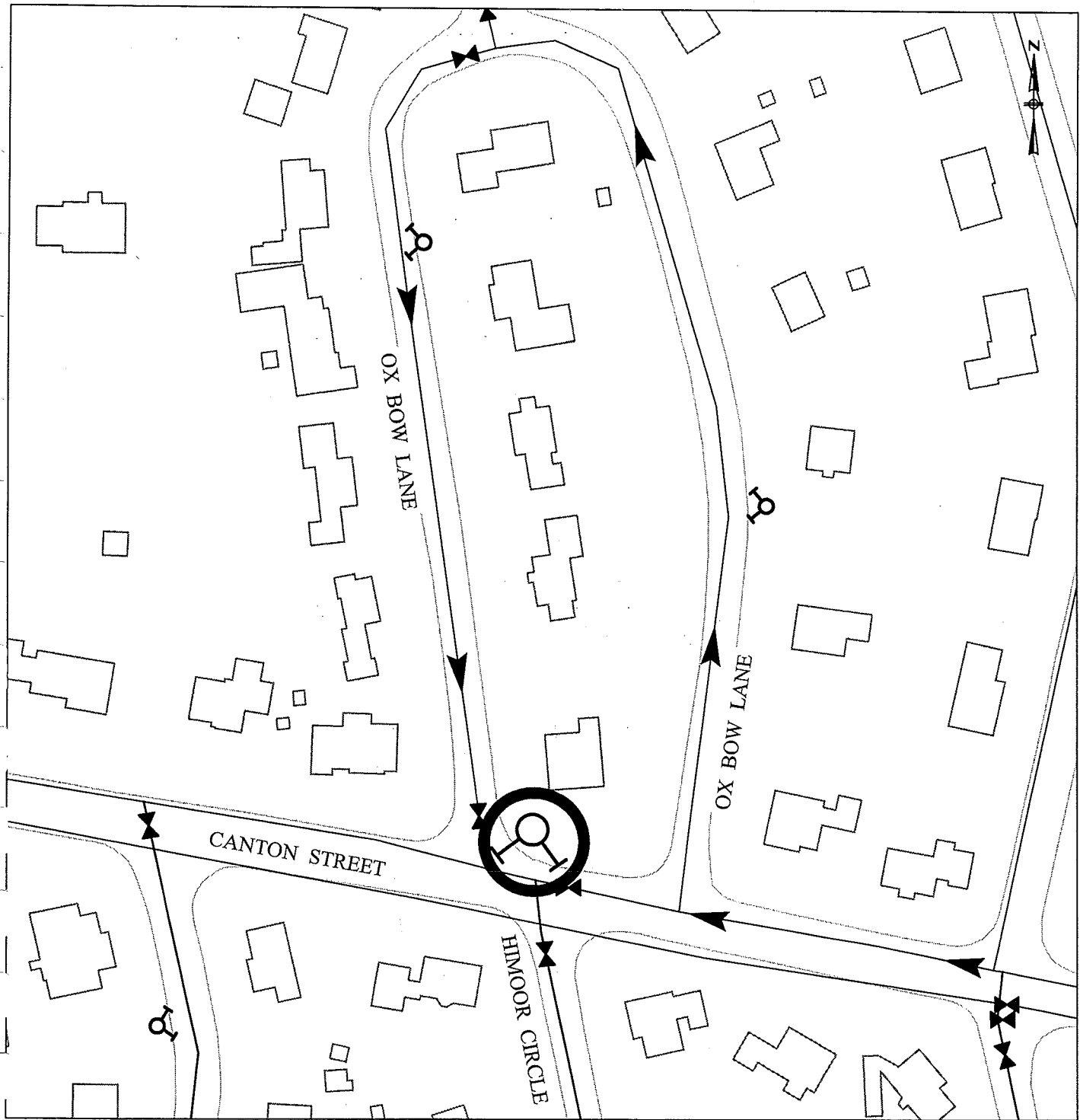
2 minutes minimum to completely displace the total amount of water in the main.

Continue flushing until the water is clear.

Operator: \_\_\_\_\_

Flushing Date: \_\_\_\_\_ Start Time: \_\_\_\_\_ End Time: \_\_\_\_\_

Observations: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



**LEGEND:**

- |                      |                    |                  |
|----------------------|--------------------|------------------|
| ▶ Open Gate Valves   | ⊗ Closed Hydrant   | ▶ Flow Direction |
| ⊗ Closed Gate Valves | ⊕ Flushing Hydrant |                  |

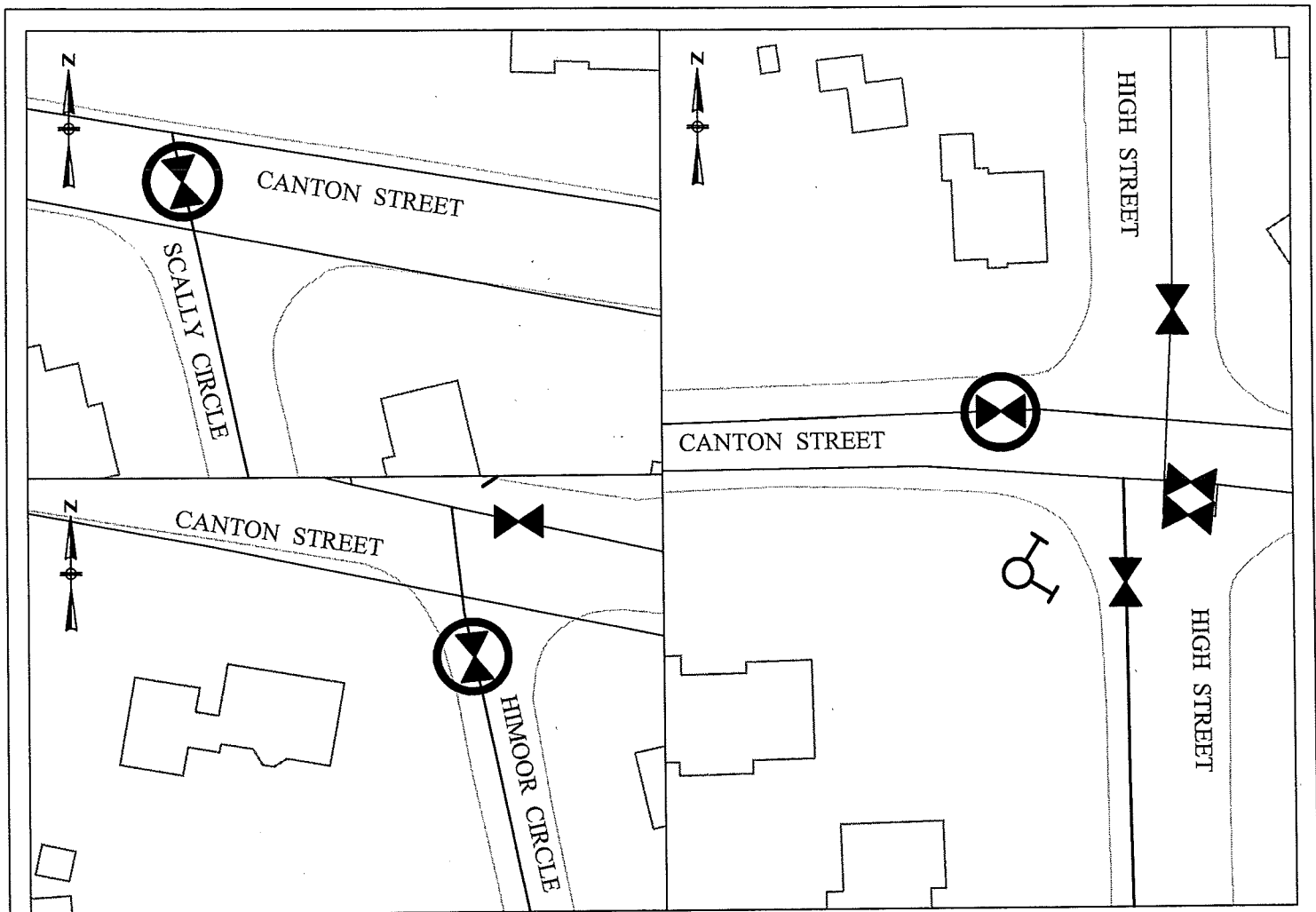
**Notes:**

ALL SHEETS NOT TO SCALE

**BETA Group, Inc.**  
Engineers • Scientists • Planners

Year -2  
Step - 16

**TOWN OF RANDOLPH, MA**  
**Unidirectional Flushing Program**



**LEGEND:**

- |                    |                  |                |
|--------------------|------------------|----------------|
| Open Gate Valves   | Closed Hydrant   | Flow Direction |
| Closed Gate Valves | Flushing Hydrant |                |

**Notes:**

ALL SHEETS NOT TO SCALE



**Location:**

6" Water main on Sullivan Drive from High Street to the end of Sullivan Drive.

**Notes:**

See next page for valve and hydrant locations  
All sheets not to scale

**LEGEND**

**—** Flushing location

Hydrants to Flush:

Hydrant at end of Sullivan Drive

Valves to Close:

None

Notes:

See next page for a visual of hydrant location.

Flushing Time:

3 minutes minimum to completely displace the total amount of water in the main.

Continue flushing until the water is clear.

Operator: \_\_\_\_\_

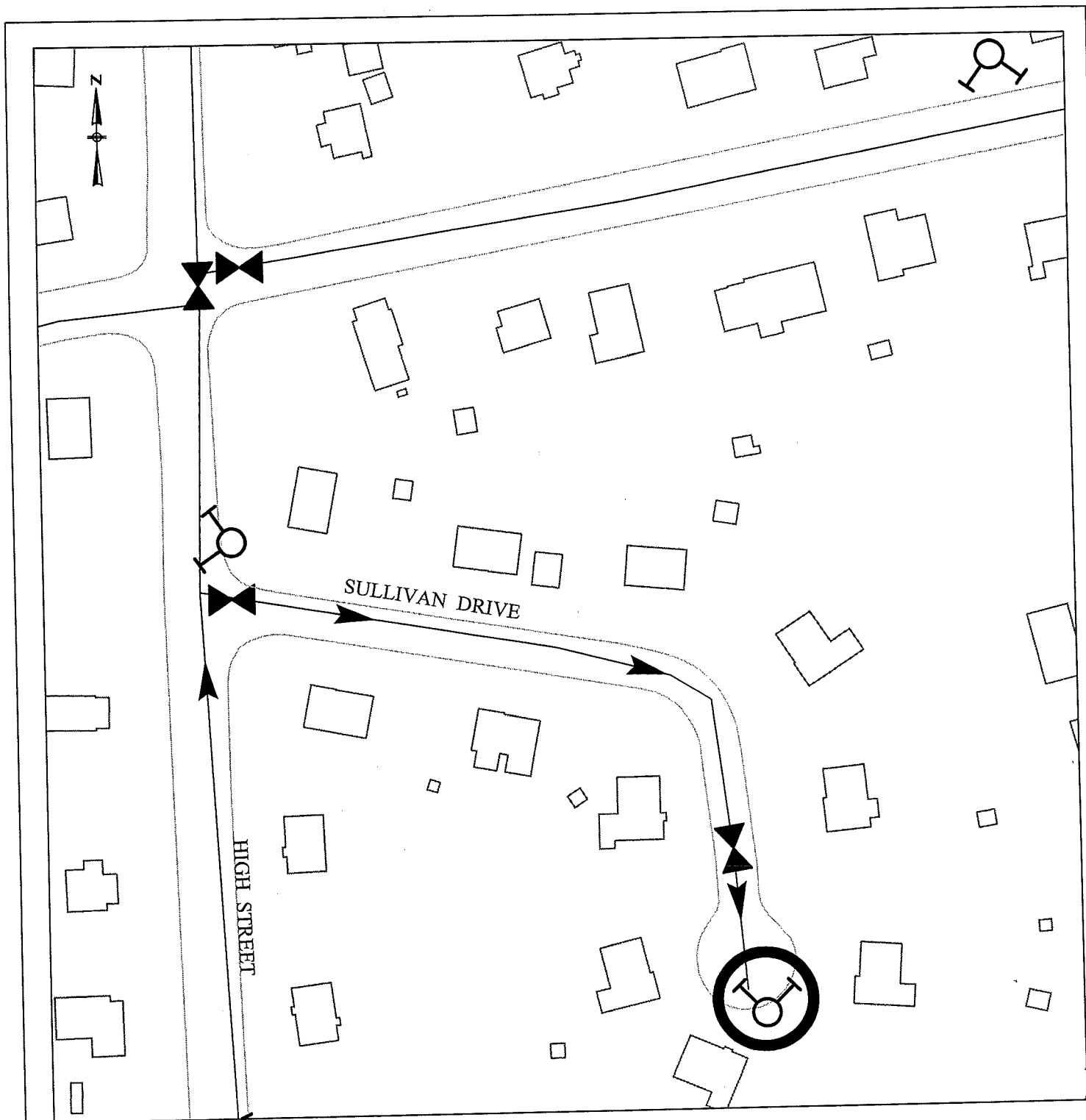
Flushing Date: \_\_\_\_\_ Start Time: \_\_\_\_\_ End Time: \_\_\_\_\_

Observations: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_





**LEGEND:**

Open Gate Valves

Closed Hydrant

Flow Direction

Closed Gate Valves

Flushing Hydrant

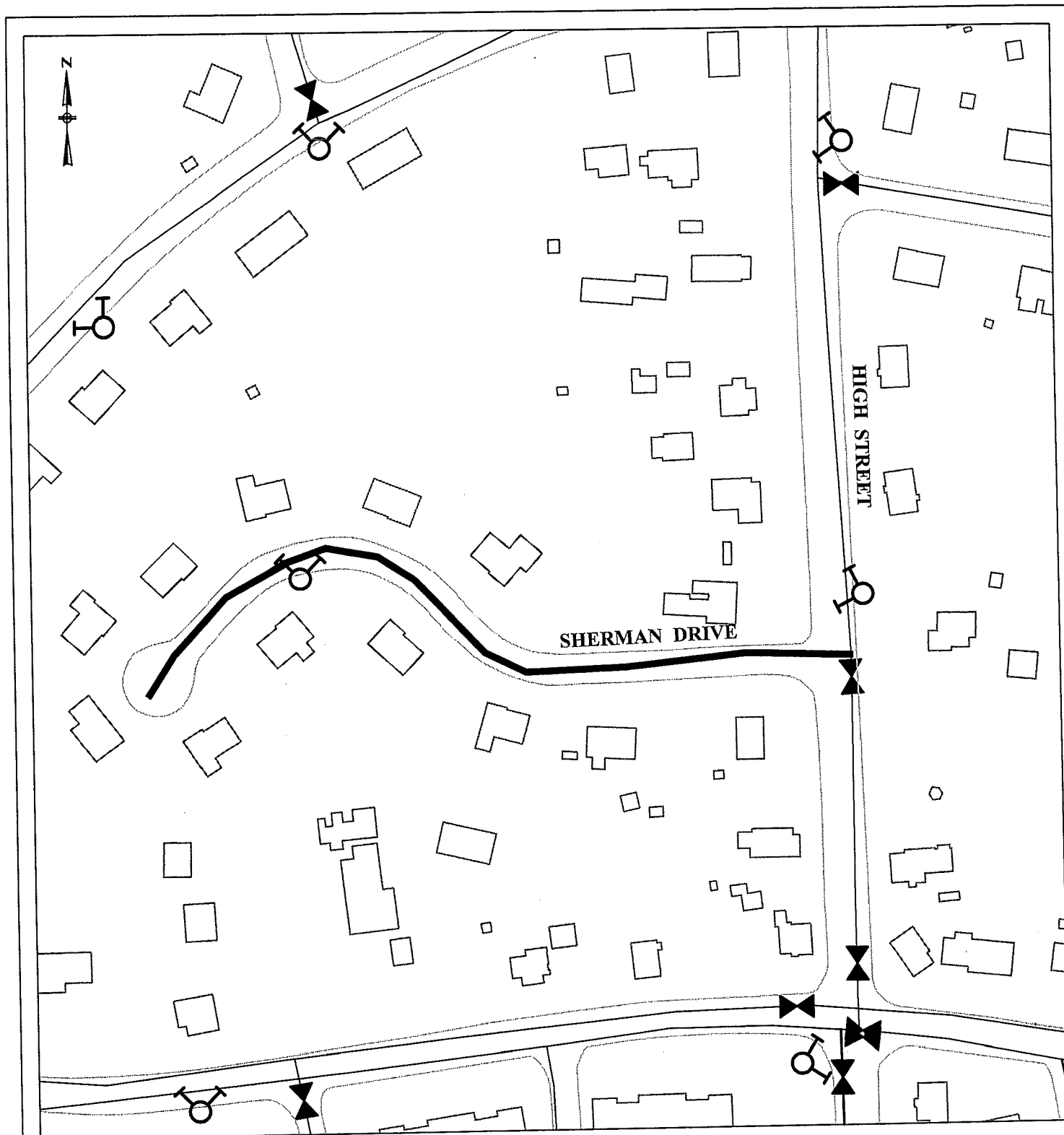
**Notes:**

ALL SHEETS NOT TO SCALE

**BETA Group, Inc.**  
Engineers • Scientists • Planners

Year -2  
Step - 17

**TOWN OF RANDOLPH, MA**  
**Unidirectional Flushing Program**



**Location:**

6" Water main on Sherman Drive from High Street to the end of Sherman Drive.

**Notes:**

See next page for valve and hydrant locations  
All sheets not to scale

**LEGEND**

— Flushing location

Hydrants to Flush:

Hydrant at end of Sherman Drive

Valves to Close:

None

Notes:

See next page for a visual of hydrant location.

Flushing Time:

6 minutes minimum to completely displace the total amount of water in the main.

Continue flushing until the water is clear.

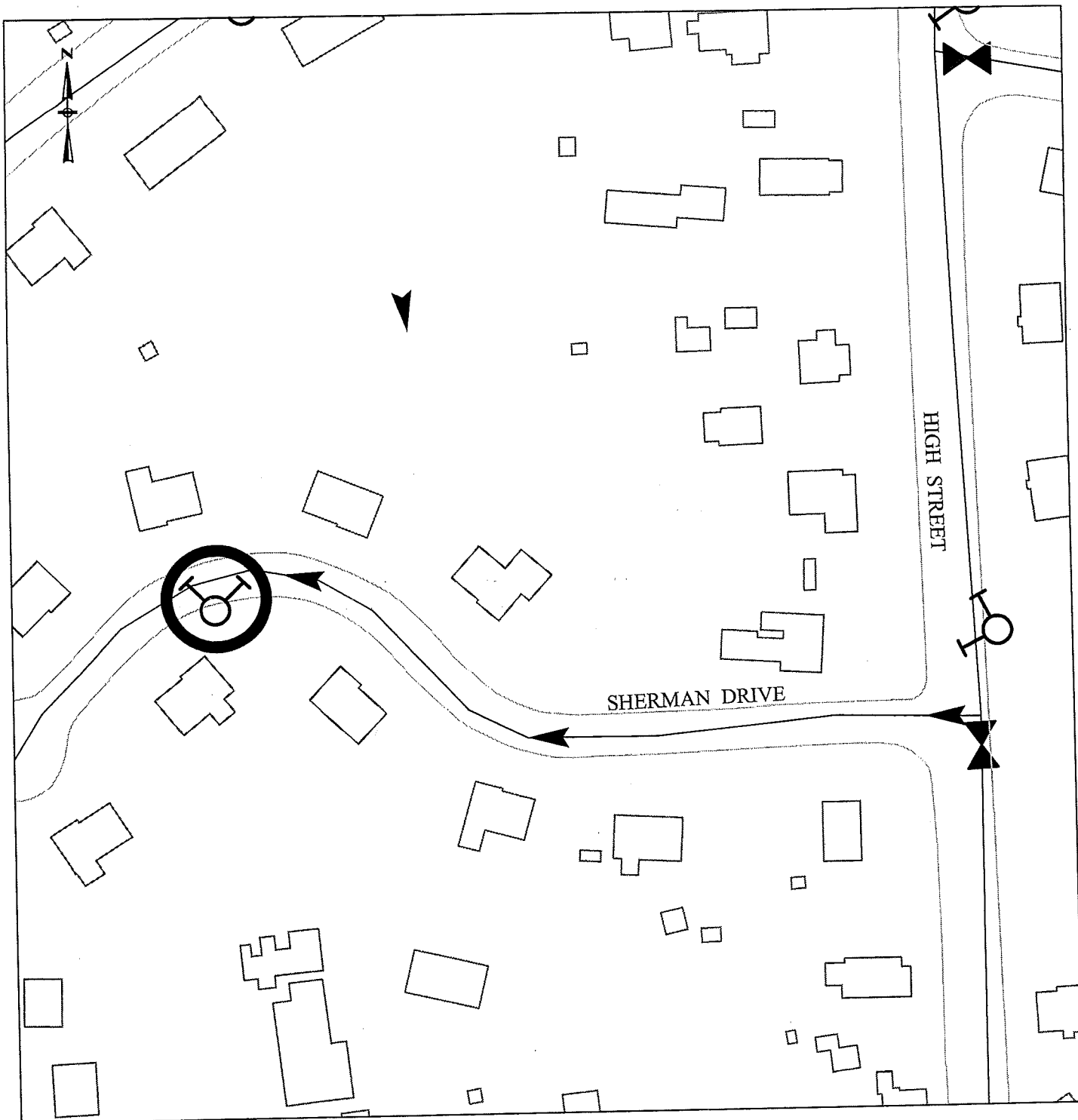
Operator: \_\_\_\_\_

Flushing Date: \_\_\_\_\_ Start Time: \_\_\_\_\_ End Time: \_\_\_\_\_

Observations: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



**LEGEND:**

✕ Open Gate Valves

⊗ Closed Hydrant

◀ Flow Direction

⊗ Closed Gate Valves

⊗ Flushing Hydrant

**Notes:**

ALL SHEETS NOT TO SCALE

**BETA Group, Inc.**  
Engineers • Scientists • Planners

Year -2  
Step - 18

**TOWN OF RANDOLPH, MA**  
**Unidirectional Flushing Program**



Location:

8" Water main on Reed Street from Canton Street to High Street.

LEGEND

**—** Flushing location

Notes:

See next page for valve and hydrant locations  
All sheets not to scale

**BETA Group, Inc.**  
Engineers • Scientists • Planners

Year -2  
Step - 19

**TOWN OF RANDOLPH, MA**  
**Unidirectional Flushing Program**

Hydrants to Flush:

Hydrant on High Street at intersection of Sherman Drive and High Street.

Valves to Close:

6-inch valve at intersection of Denise Drive and Reed Street.

6-inch valve on High Street at intersection of Reed Street and High Street.

6-inch valve on High Street at intersection of Sherman Drive and High Street.

Notes:

See next 2 pages for a visual of valve and hydrant locations.

Flushing Time:

7 minutes minimum to completely displace the total amount of water in the main.

Continue flushing until the water is clear.

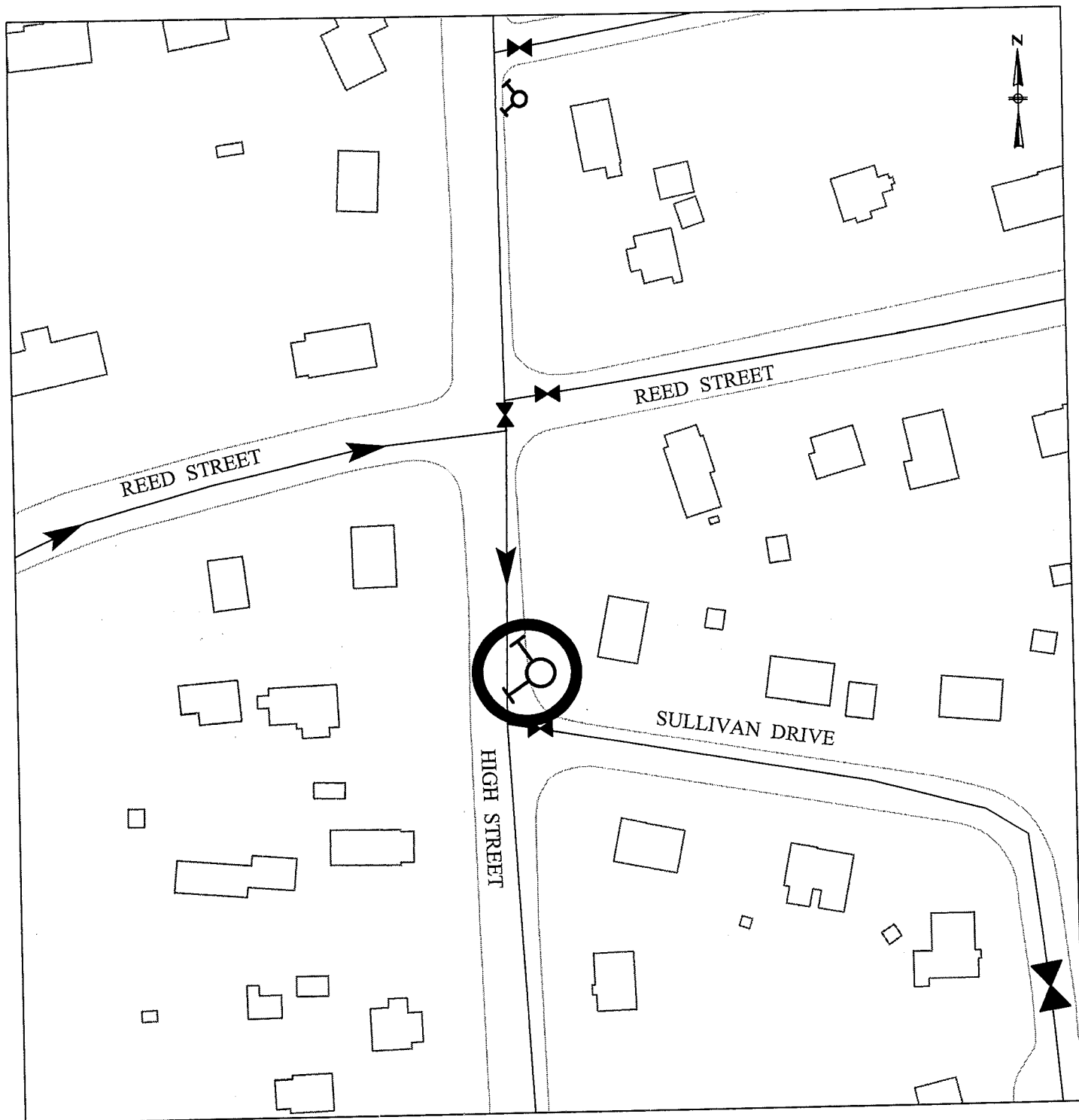
Operator: \_\_\_\_\_

Flushing Date: \_\_\_\_\_ Start Time: \_\_\_\_\_ End Time: \_\_\_\_\_

Observations: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



Open Gate Valves



Closed Gate Valves

**LEGEND:**



Closed Hydrant



Flushing Hydrant



Flow Direction

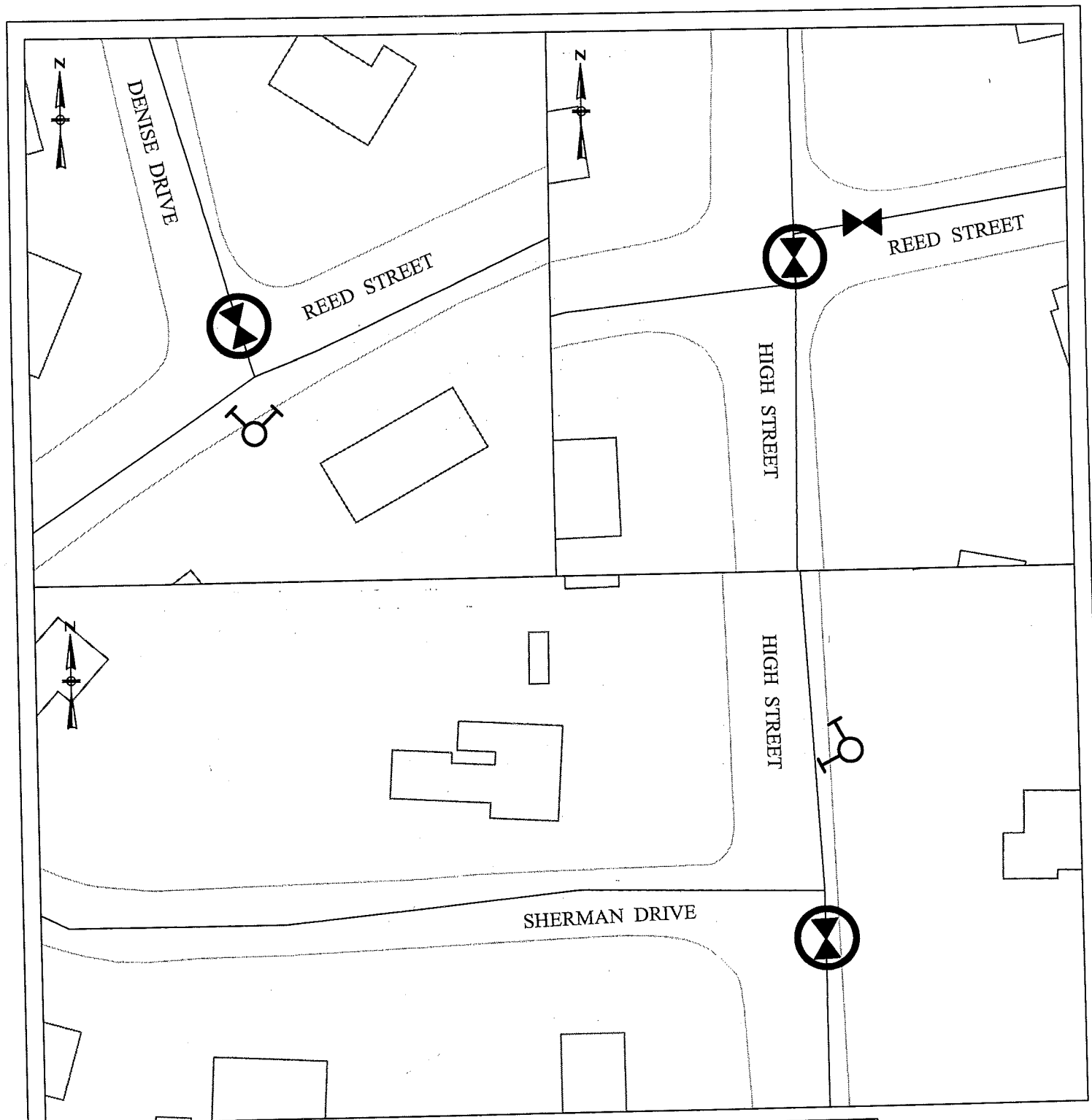
**Notes:**

ALL SHEETS NOT TO SCALE

**BETA Group, Inc.**  
Engineers • Scientists • Planners

Year -2  
Step - 19

**TOWN OF RANDOLPH, MA**  
**Unidirectional Flushing Program**



**LEGEND:**

◀▶ Open Gate Valves

⊗ Closed Hydrant

◀ Flow Direction

⊗ Closed Gate Valves

⊗ Flushing Hydrant

**Notes:**

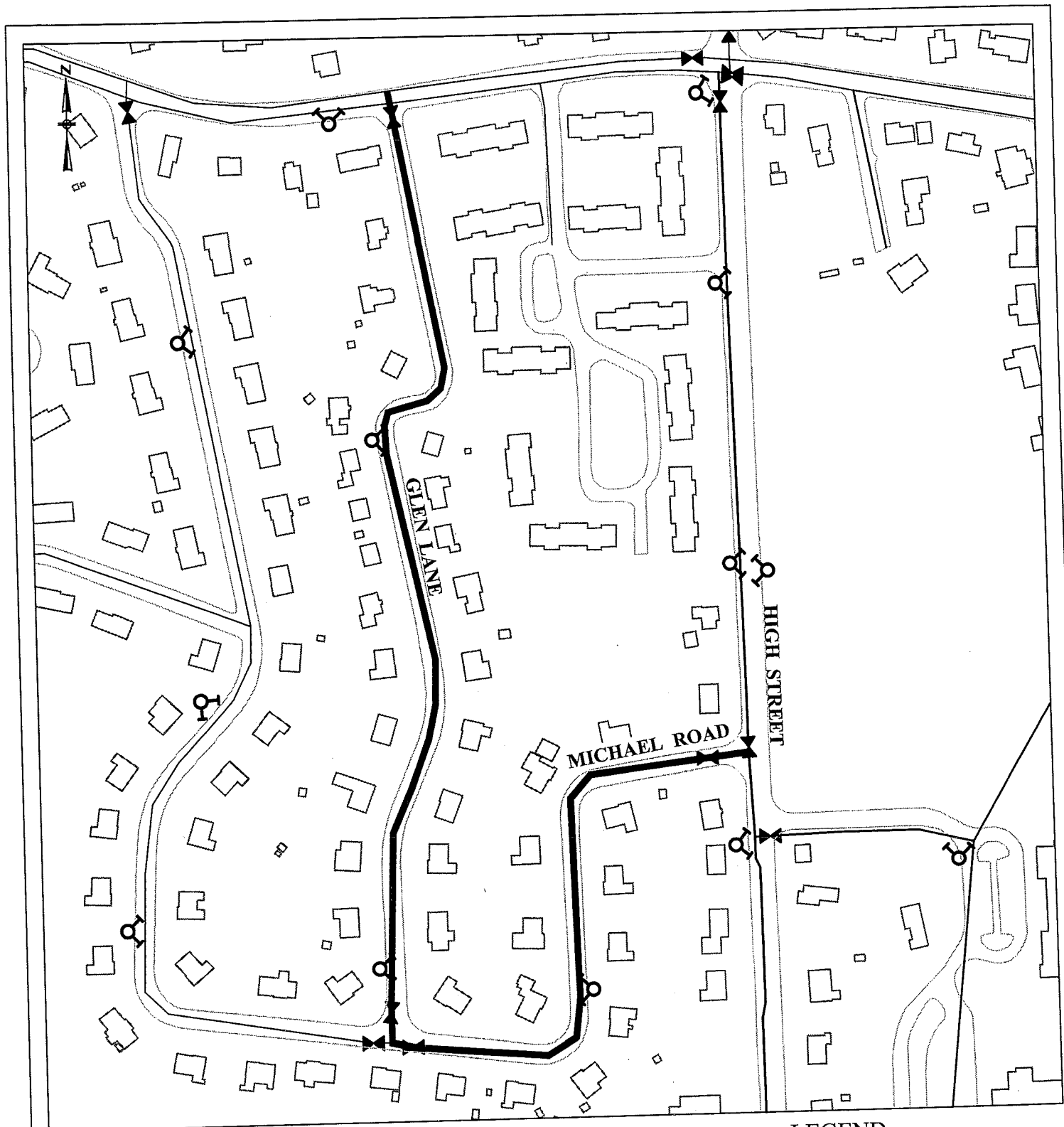
ALL SHEETS NOT TO SCALE

**BETA Group, Inc.**  
Engineers • Scientists • Planners

Year -2  
Step - 19

**TOWN OF RANDOLPH, MA**  
**Unidirectional Flushing Program**





Location:

6" Water main on Glen Lane and Michael Road from Canton Street to High Street.

Notes:

See next page for valve and hydrant locations  
All sheets not to scale

LEGEND

— Flushing location

**BETA Group, Inc.**  
Engineers • Scientists • Planners

Year -2  
Step - 20

**TOWN OF RANDOLPH, MA**  
**Unidirectional Flushing Program**

Hydrants to Flush:

Hydrant on High Street at intersection of Dolly Lane and High Street.

Valves to Close:

6-inch valve at intersection of Glen Lane and Michael Road.

10-inch valve on High Street at intersection of Michael Road and High Street.

8-inch valve on Dolly Lane at intersection of Dolly Lane and High Street.

8-inch valve on North Junior High School entry way between Dolly Lane and York Avenue.

10-inch valve on High Street at intersection of York Avenue and High Street.

Notes:

See next 2 pages for a visual of valve and hydrant locations.

Flushing Time:

4 minutes minimum to completely displace the total amount of water in the main.

Continue flushing until the water is clear.

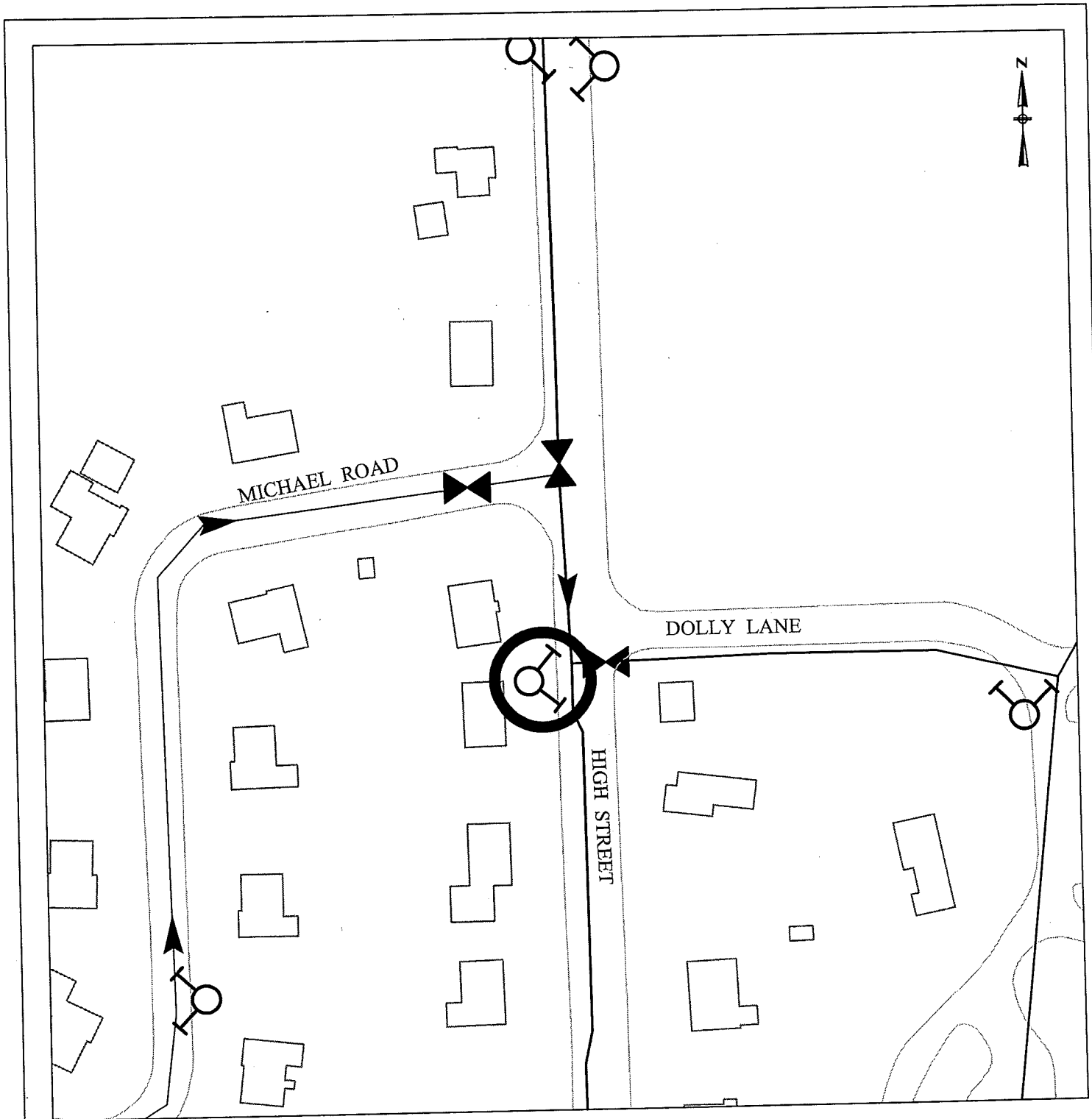
Operator: \_\_\_\_\_

Flushing Date: \_\_\_\_\_ Start Time: \_\_\_\_\_ End Time: \_\_\_\_\_

Observations: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



**LEGEND:**

Open Gate Valves

Closed Hydrant

Flow Direction

Closed Gate Valves

Flushing Hydrant

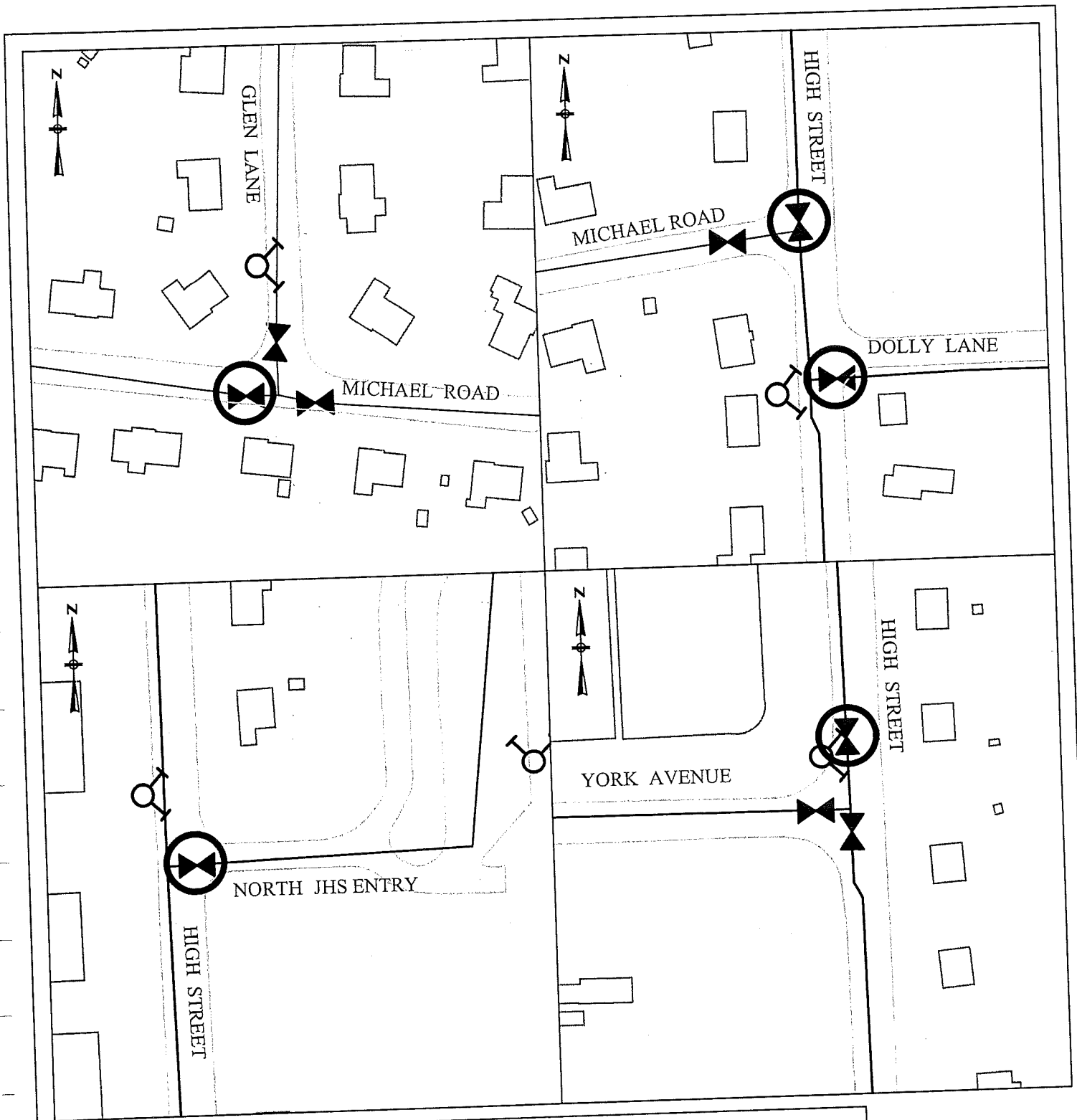
**Notes:**

ALL SHEETS NOT TO SCALE

**BETA Group, Inc.**  
Engineers • Scientists • Planners

Year -2  
Step - 20

**TOWN OF RANDOLPH, MA**  
**Unidirectional Flushing Program**



**LEGEND:**

◄ Open Gate Valves

⊗ Closed Hydrant

◄ Flow Direction

⊗ Closed Gate Valves

⊗ Flushing Hydrant

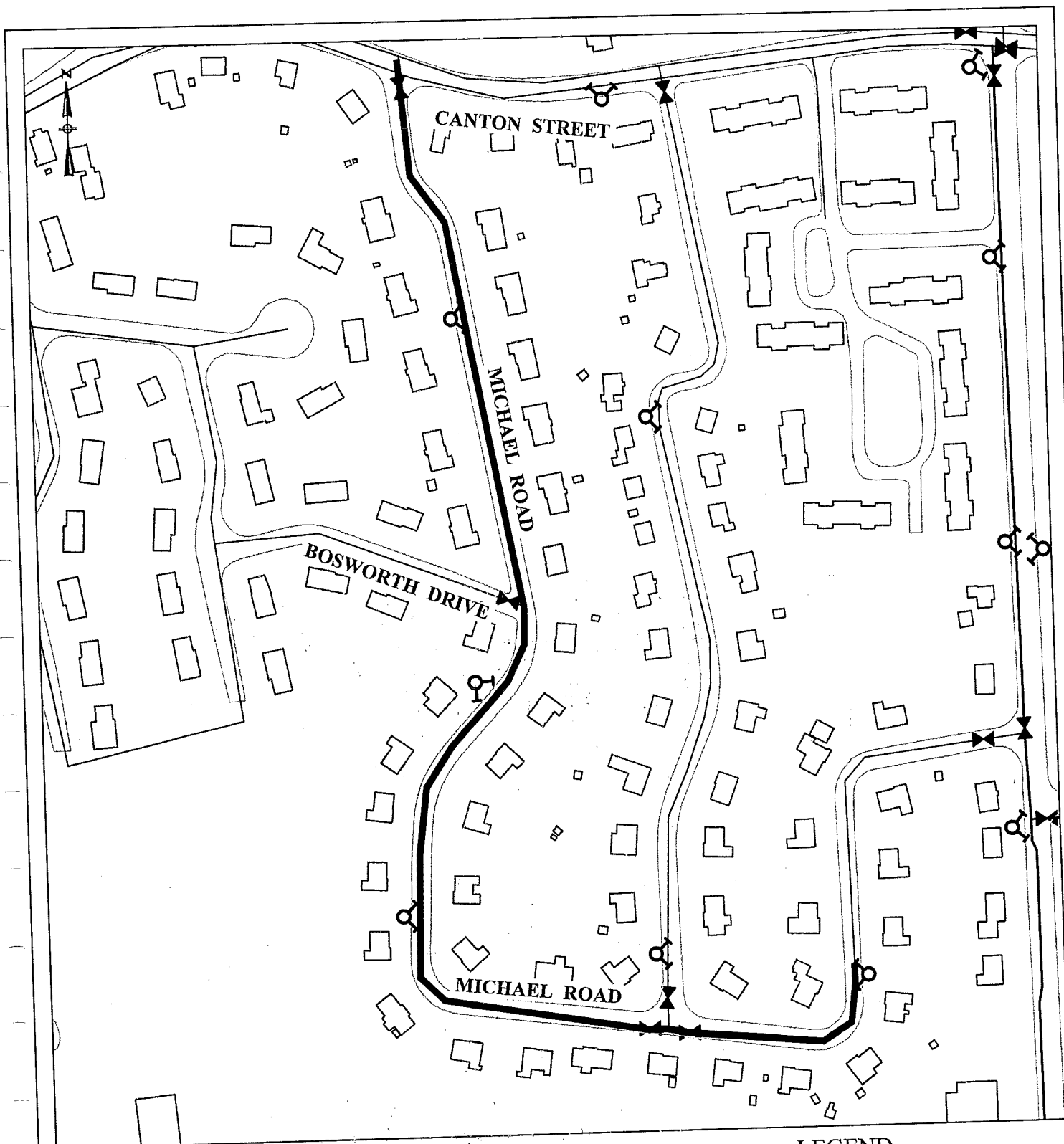
**Notes:**

ALL SHEETS NOT TO SCALE.

**BETA Group, Inc.**  
Engineers • Scientists • Planners

Year -2  
Step - 20


**TOWN OF RANDOLPH, MA**  
Unidirectional Flushing Program



**Location:**

6" Water main on Michael Road from Canton Street to High Street.

**LEGEND**

 Flushing location

**Notes:**

See next page for valve and hydrant locations  
All sheets not to scale

**BETA Group, Inc.**  
Engineers • Scientists • Planners

Year -2  
Step - 21

**TOWN OF RANDOLPH, MA**  
**Unidirectional Flushing Program**

Hydrants to Flush:

Hydrant on Michael Road between Glen Lane and High Street.

Valves to Close:

6-inch valve at intersection of Bosworth Drive and Michael Road.

6-inch valve on Glen Lane at intersection of Glen Lane and Michael Road.

6-inch valve on Michael Road at intersection of Michael Road and High Street.

Notes:

See next 2 pages for a visual of valve and hydrant locations.

Flushing Time:

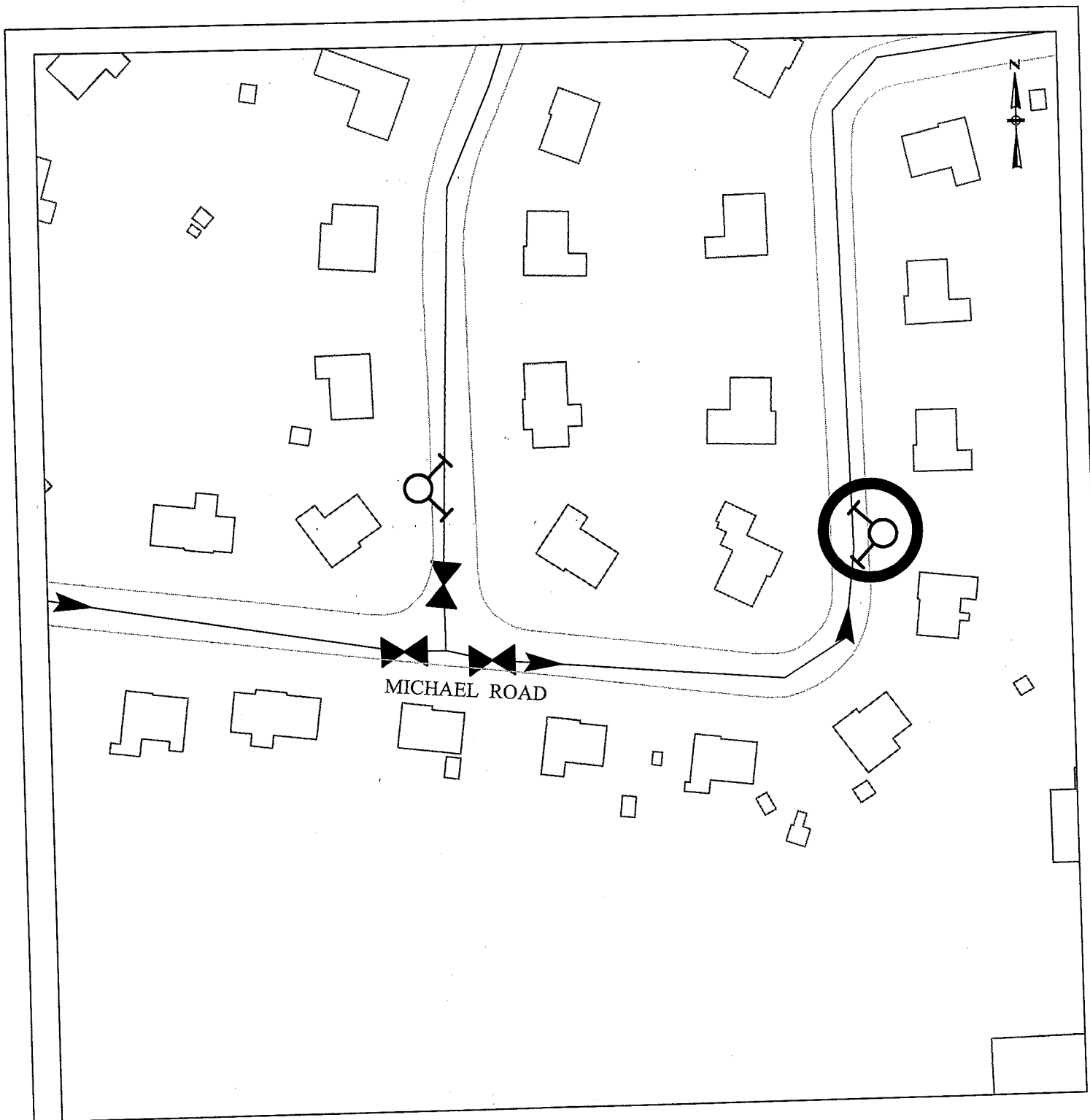
3 minutes minimum to completely displace the total amount of water in the main.

Continue flushing until the water is clear.

Operator: \_\_\_\_\_

Flushing Date: \_\_\_\_\_ Start Time: \_\_\_\_\_ End Time: \_\_\_\_\_

Observations: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



LEGEND:

✕ Open Gate Valves



Closed Hydrant



Flow Direction



Closed Gate Valves



Flushing Hydrant

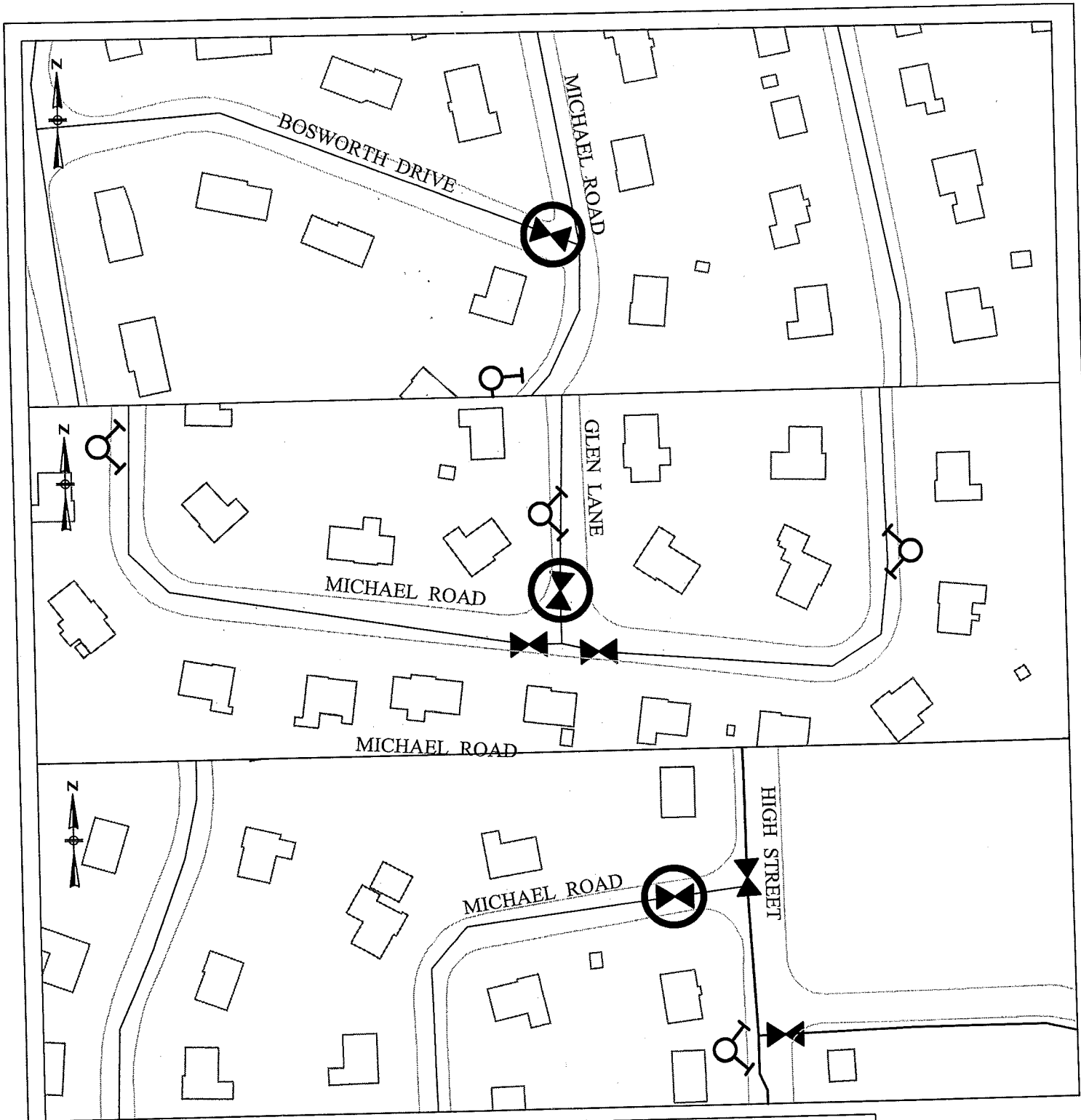
Notes:

ALL SHEETS NOT TO SCALE

**BETA Group, Inc.**  
Engineers • Scientists • Planners

Year -2  
Step - 21

**TOWN OF RANDOLPH, MA**  
**Unidirectional Flushing Program**



**LEGEND:**

Open Gate Valves

Closed Hydrant

Flow Direction

Closed Gate Valves

Flushing Hydrant

**Notes:**

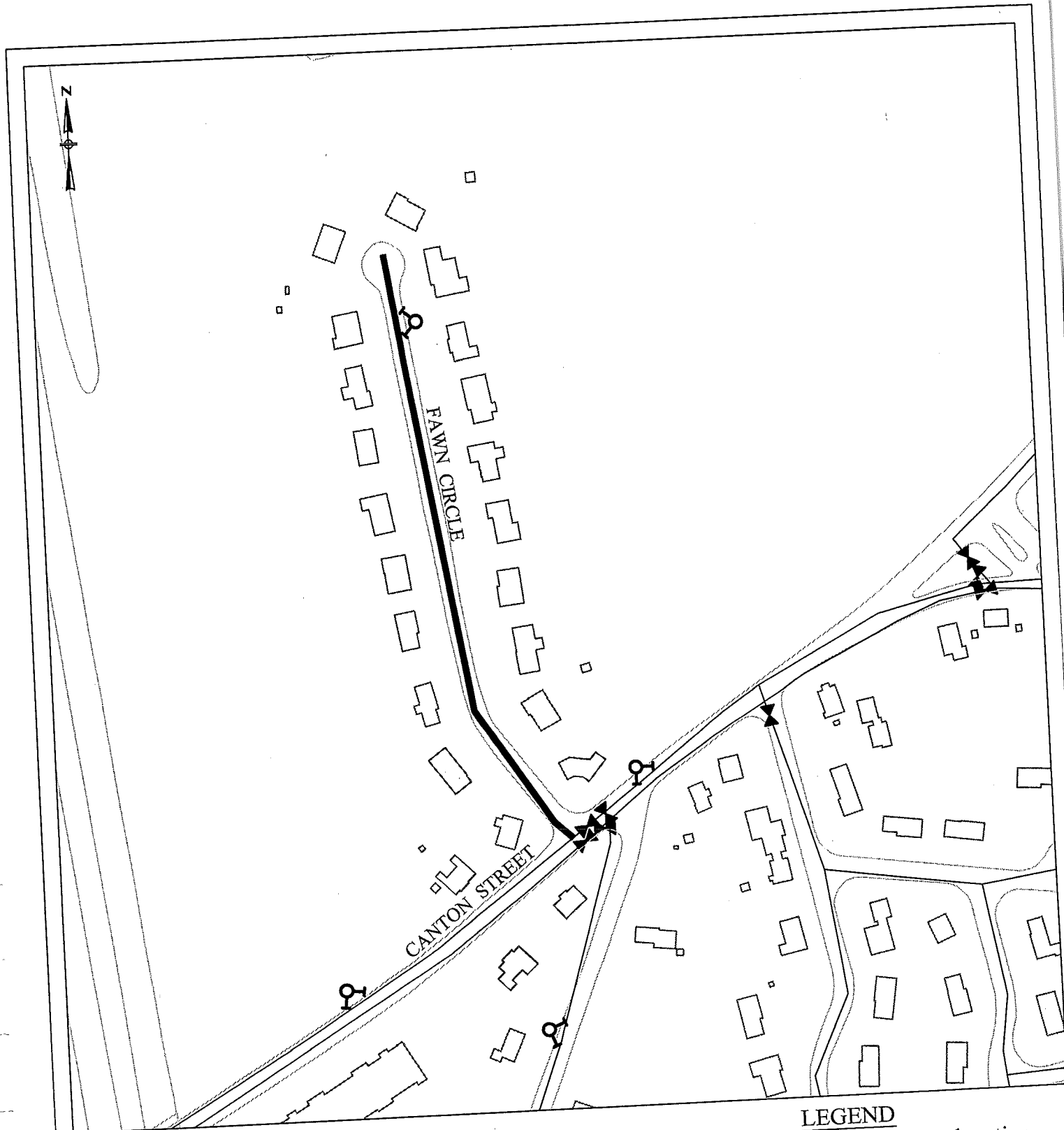
ALL SHEETS NOT TO SCALE

**BETA Group, Inc.**  
Engineers • Scientists • Planners

Year -2  
Step - 21

**TOWN OF RANDOLPH, MA**  
Unidirectional Flushing Program





**Location:**

6" Water main on Fawn Circle from Canton Street to end of Fawn Circle.

**Notes:**

See next page for valve and hydrant locations  
All sheets not to scale

**LEGEND**

— Flushing location

**BETA Group, Inc.**  
Engineers • Scientists • Planners

Year -2  
Step - 22

**TOWN OF RANDOLPH, MA**  
Unidirectional Flushing Program

Hydrants to Flush:

Hydrant at end of Fawn Circle.

Valves to Close:

None

Notes:

See next page for a visual of hydrant location.

Flushing Time:

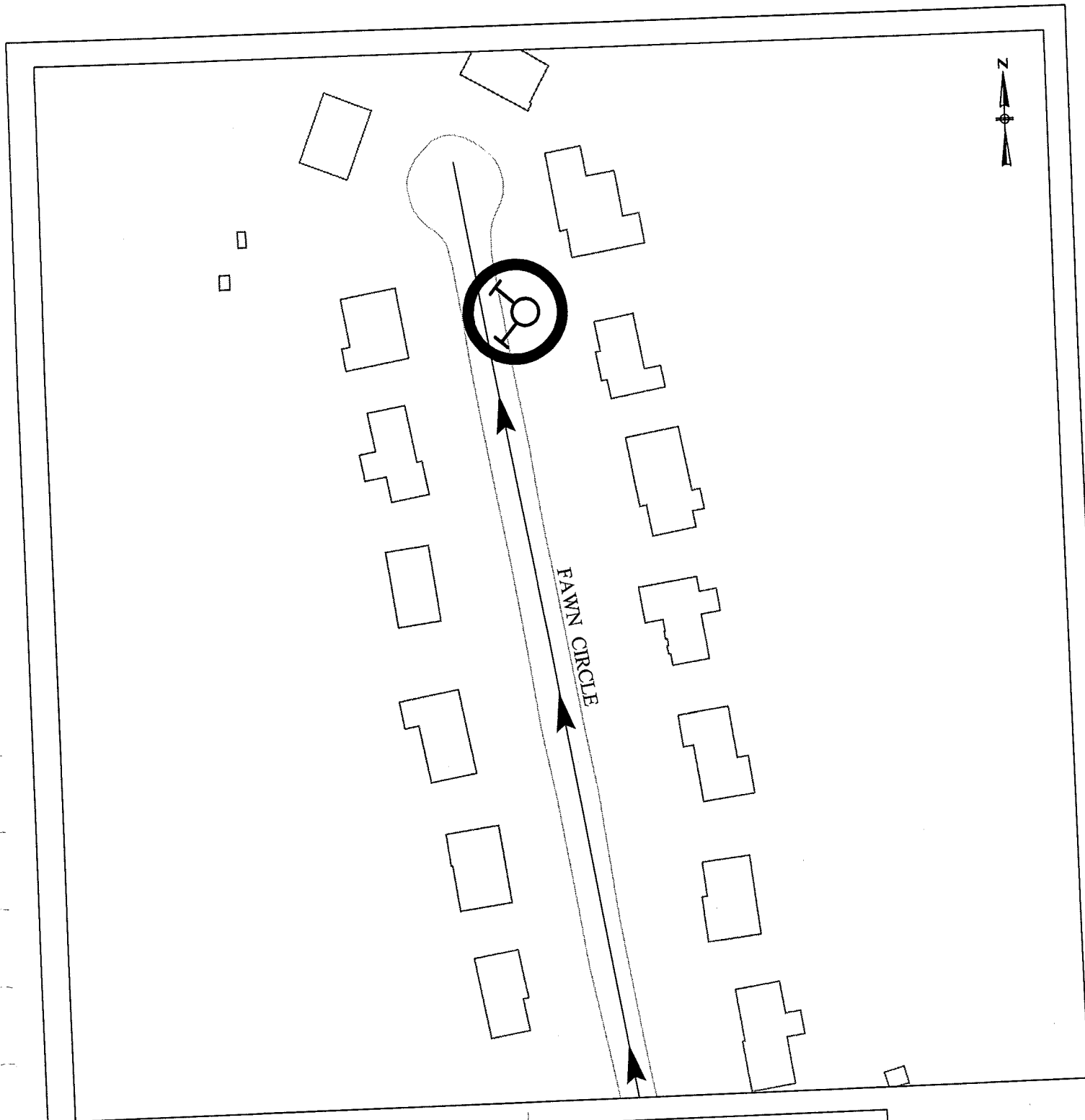
2 minutes minimum to completely displace the total amount of water in the main.

Continue flushing until the water is clear.

Operator: \_\_\_\_\_

Flushing Date: \_\_\_\_\_ Start Time: \_\_\_\_\_ End Time: \_\_\_\_\_

Observations: \_\_\_\_\_



Open Gate Valves

Closed Gate Valves

LEGEND:

Closed Hydrant

Flushing Hydrant

Flow Direction

Notes:

ALL SHEETS NOT TO SCALE

**BETA Group, Inc.**  
Engineers • Scientists • Planners

Year -2  
Step - 22

**TOWN OF RANDOLPH, MA**  
**Unidirectional Flushing Program**



Location:

6" Water main on Irving Road from Canton Street to end of Irving Road.

Notes:

See next page for valve and hydrant locations  
All sheets not to scale

LEGEND

**—** Flushing location

**BETA Group, Inc.**  
Engineers • Scientists • Planners

Year -2  
Step - 23

**TOWN OF RANDOLPH, MA**  
**Unidirectional Flushing Program**

Hydrants to Flush:

Hydrant on Irving Road near end of Irving Road

Valves to Close:

None

Notes:

See next page for a visual of hydrant location.

Flushing Time:

3 minutes minimum to completely displace the total amount of water in the main.

Continue flushing until the water is clear.

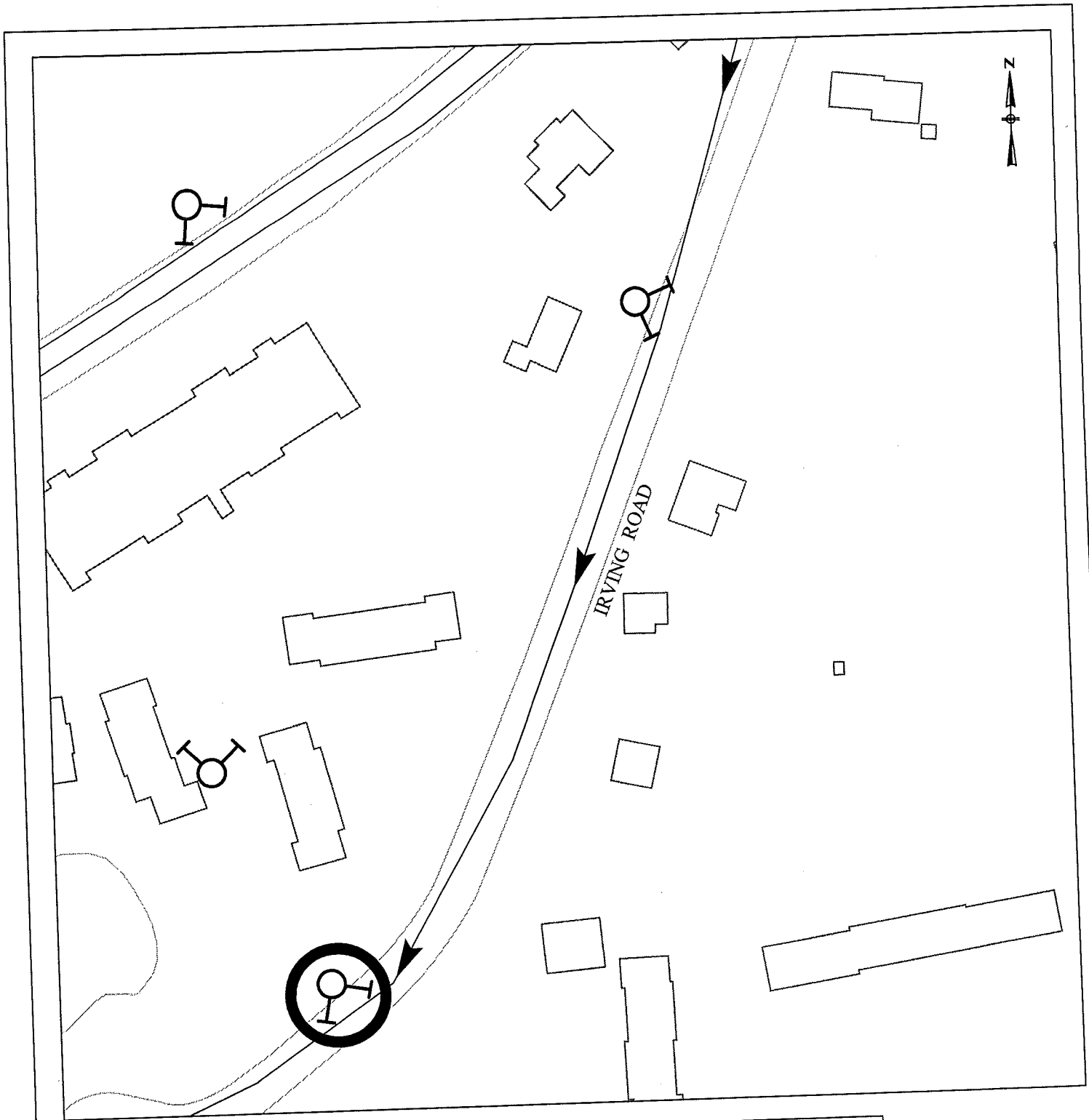
Operator: \_\_\_\_\_

Flushing Date: \_\_\_\_\_ Start Time: \_\_\_\_\_ End Time: \_\_\_\_\_

Observations: \_\_\_\_\_

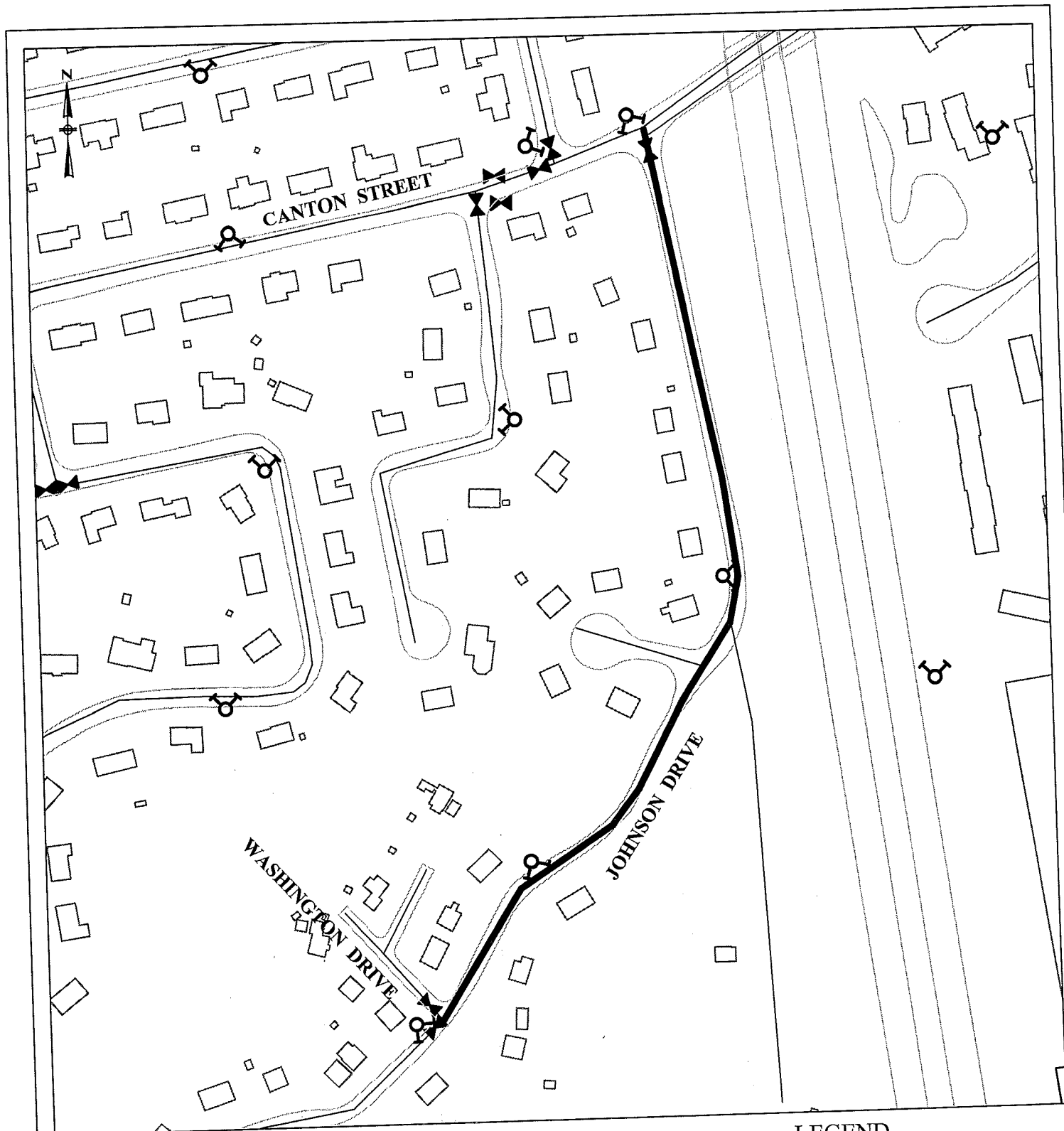
\_\_\_\_\_

\_\_\_\_\_



LEGEND:					
	Open Gate Valves		Closed Hydrant		Flow Direction
	Closed Gate Valves		Flushing Hydrant		

Notes:  
ALL SHEETS NOT TO SCALE




Location:

6" Water main on Johnson Drive from Canton Street to Washington Drive

Notes:

See next page for valve and hydrant locations  
All sheets not to scale

LEGEND

 Flushing location

**BETA Group, Inc.**  
Engineers • Scientists • Planners

Year -2  
Step - 24

**TOWN OF RANDOLPH, MA**  
**Unidirectional Flushing Program**

Hydrants to Flush:

Hydrant at intersection of Washington Drive and Johnson Drive.

Valves to Close:

None

Notes:

See next page for a visual of hydrant location.

Flushing Time:

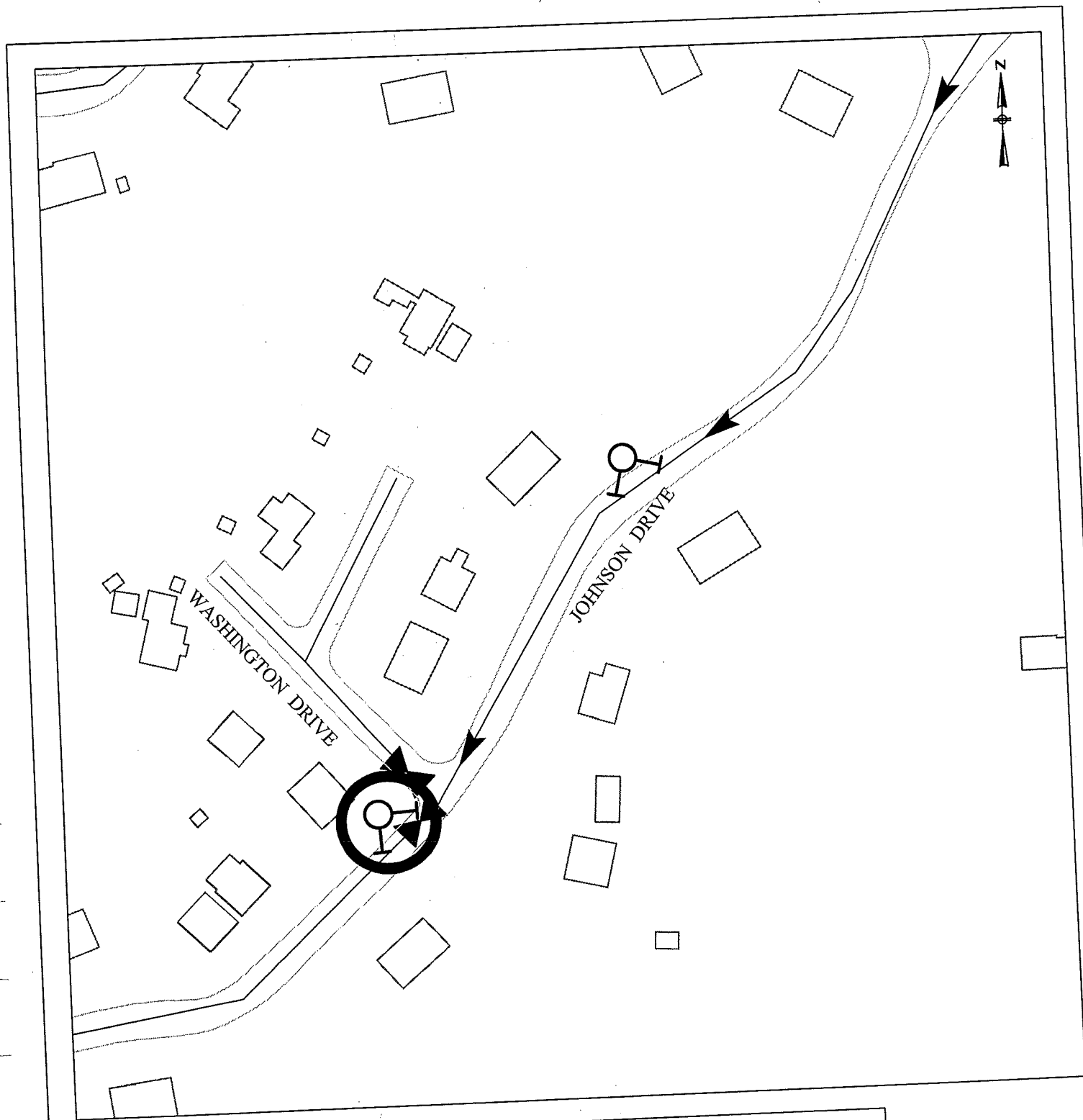
13 minutes minimum to completely displace the total amount of water in the main.  
Continue flushing until the water is clear.

Operator: \_\_\_\_\_

Flushing Date: \_\_\_\_\_ Start Time: \_\_\_\_\_ End Time: \_\_\_\_\_

Observations: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_





- LEGEND:**
- ✕ Open Gate Valves
  - ⊗ Closed Gate Valves
  - ⊗ Closed Hydrant
  - ⊗ Flushing Hydrant
  - ◀ Flow Direction

**Notes:**  
ALL SHEETS NOT TO SCALE


**BETA Group, Inc.**  
Engineers • Scientists • Planners

Year -2  
Step - 24

**TOWN OF RANDOLPH, MA**  
Unidirectional Flushing Program



Location:  
6" Water main on Crowley Drive.

LEGEND  
 Flushing location

Notes:  
 See next page for valve and hydrant locations  
 All sheets not to scale

**BETA Group, Inc.**  
 Engineers • Scientists • Planners

Year -2  
 Step - 25

**TOWN OF RANDOLPH, MA**  
**Unidirectional Flushing Program**

Hydrants to Flush:

Hydrant on Crowley Drive.

Valves to Close:

None

Notes:

See next page for a visual of hydrant location.

Flushing Time:

2 minutes minimum to completely displace the total amount of water in the main.

Continue flushing until the water is clear.

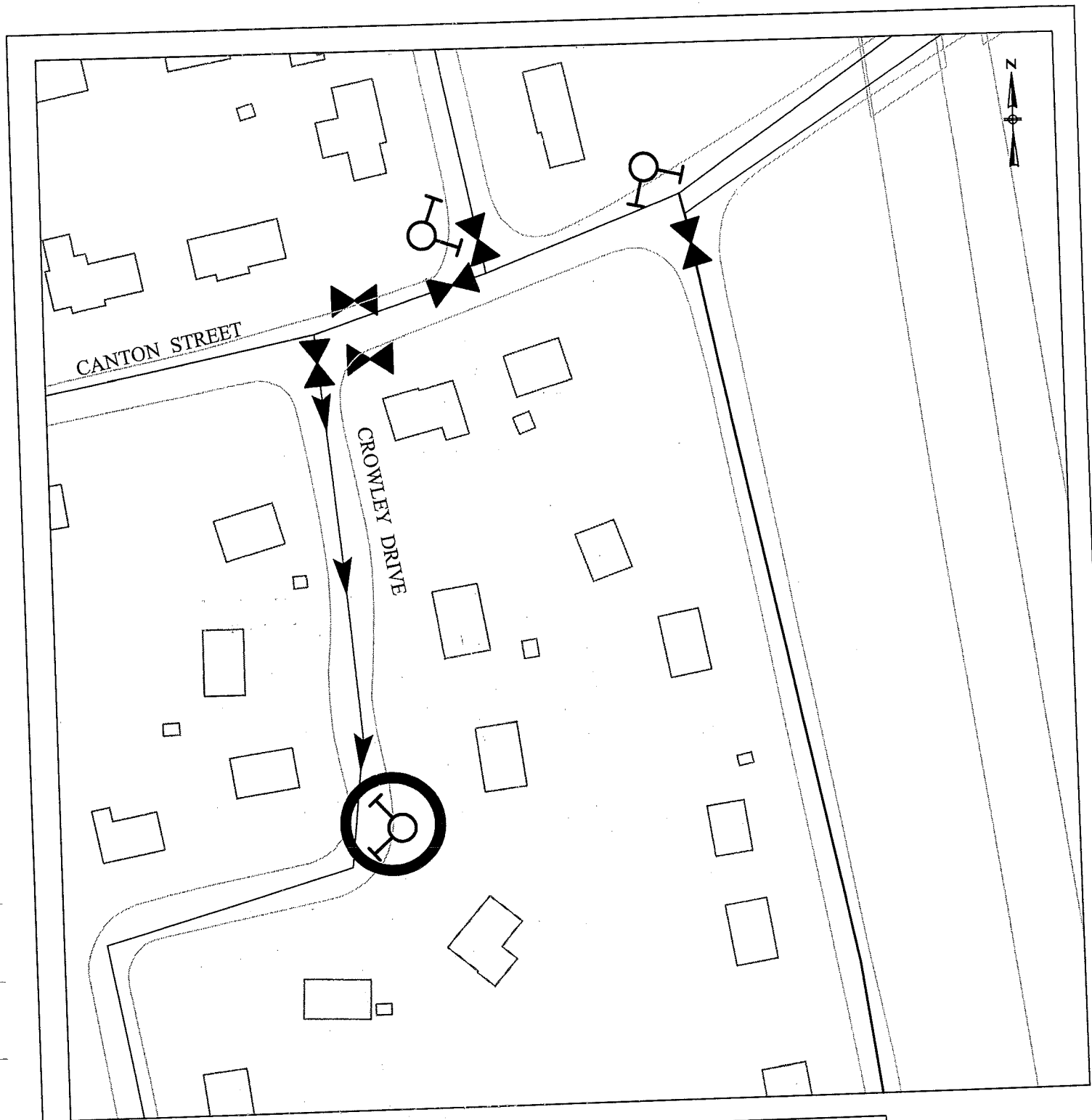
Operator: \_\_\_\_\_

Flushing Date: \_\_\_\_\_

Start Time: \_\_\_\_\_

End Time: \_\_\_\_\_

Observations: \_\_\_\_\_



LEGEND:		
	Open Gate Valves	Closed Hydrant
	Closed Gate Valves	Flushing Hydrant
		Flow Direction

Notes:  
ALL SHEETS NOT TO SCALE